IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re p	atent application of:) Attorney Docket No.: 1714-0013
Richar	d H. Wagner) Altorney Docket No.: 1714-0013
Serial	No.: To be assigned) Examiner: To be assigned
Filed: For:	Herewith Open Network System and Methor For I/O Operations with Non-Standard I/O Devices Using) An)
	Extended Open Network Protocol	
	"Exp	ress mail" mailing label number <u>EV389959029US</u>
	Date	of Deposit February 3, 2004
	with Offic indic Com on <u>Fe</u>	eby certify that this correspondence is being deposited the United States Postal Service "Express Mail Post e to Addressee" service under 37 CFR §1.10 on the date ated above and is addressed to: Mail Stop Patent Application, missioner of Patents, Alexandria, VA 22313-1450 ebruary 3, 2004
		d M. Lockman of person mailing Document or Fee well Wellman atture
	·	of Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicant hereby discloses the following references listed below and identified on the attached PTO-1449 regarding the above-identified patent application. Copies of references are not attached pursuant to 37 CFR 1.98(d) because the references cited herein were submitted in an Information Disclosure

Statement with U.S. Patent Application Serial No. 10/614,398. The present application claims a priority based on that application and the IDS previously submitted in that application complied with 37 CFR §1.98(a)-(c). Note that this patent application is a continuation of U.S Patent Application Serial No. 10/614,398 filed on July 7, 2003, which is a continuation of U.S. Patent Application Serial No. 10/213,959 filed on August 7, 2002, (now U.S. Patent No. 6,684,269), which is a continuation of U.S. Patent Application Serial No. 10/100,347 filed on March 18, 2002, (now U.S. Patent No. 6,694,387), which is a continuation of U.S. Patent Application Serial No. 09/907,076 filed on July 17, 2001, (now allowed), which is a continuation of U.S. Patent Application Serial No. 09/314,266 filed on May 18, 1999, (now U.S. Patent No. 6,366,967), which is a continuation of U.S. Patent Application Serial No. 08/995,123 filed on December 19, 1997 (now U.S. Patent No. 5,905,908), which is a continuation of U.S. Patent Application Serial No. 08/493,772 filed on June 22, 1995 (now U.S. Patent No. 5,742,845).

These references were brought to the attention of Applicant by counsel for Fleet Boston Financial Corporation, FleetBank (RI) National Association, Providian Financial Corp., and Visa USA in litigations regarding patents that are in this application's claim of prority. These cases are styled as follows: 1) Datascape, Inc. v. FleetBoston Financial Corporation and FleetBank (RI) National Association, Civil Action NO. 1:01-CV-2246-AP, 2) Datascape, Inc. v. Providian Financial Corp., Civil Action no. 1:01-CV-3252-CAP, and 3) Visa USA, Inc. v. Datascape, Inc., Civil Action No. 1:02-CV-289-CAP. All of these actions are before the United States District Court, Northern District of Georgia, Atlanta Division.

3,668,653 Fair et al. 06/06/1972 4,410,962 Daniels et al. 10/18/1983 4,438,511 Baran 03/20/1984 4,577,152 Macovski 03/18/1986 4,620,153 Hino 10/28/1986 4,625,276 Benton et al. 11/25/1986 4,707,592 Ware 11/17/1987 4,724,521 Carron et al. 02/09/1988 4,755,940 Brachtl et al. 07/05/1988 4,778,035 Bourne 11/22/1988 4,787,035 Bourne 11/22/1988 4,787,035 Bourne 11/22/1988 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,941,2309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 03/27/1990 4,926,325 Benton et al. 03/27/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,947,028 Gorog 08/07/1990 4,942,631 Sipman et al. 10/09/1990 4,942,632 Merrill et al. 07/17/1990 4,942,532 Mori 07/17/1990 4,942,533 Sipman et al. 10/09/1990 4,942,534 Caro 08/14/1990 4,942,535 Benton et al. 07/17/1990 4,942,531 Sipman et al. 10/09/1990 4,942,532 Mori 07/17/1990 4,942,533 Sipman et al. 07/17/1990 4,942,534 Caro 08/14/1990 5,014,221 Mogul 05/07/1991 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,036,484 McCoy et al. 07/30/1991 5,036,484 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,046,094 Kawamura et al. 09/03/1992 5,146,	U.S. Patent No.	Inventor	Issue Date
4,410,962	· 		
4,438,511 Baran 03/20/1984 4,577,152 Macovski 03/18/1986 4,620,153 Hino 10/28/1986 4,625,276 Benton et al. 11/25/1986 4,707,592 Ware 11/17/1987 4,724,521 Carron et al. 02/09/1988 Re 32,701 Moran 06/21/1988 4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,799,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,947,028 Gorog 08/07/1991 4,947,028 Gorog 08/07/1991 4,965,742	•		
4,577,152 Macovski 03/18/1986 4,620,153 Hino 10/28/1986 4,625,171 Sekihara et al. 11/25/1986 4,625,276 Benton et al. 11/25/1986 4,707,592 Ware 11/17/1987 4,724,521 Caron et al. 02/09/1988 4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,787,035 Bourne 11/22/1988 4,885,029 Barker et al. 03/21/1989 4,8815,029 Barker et al. 03/21/1989 4,884,604 Doyle et al. 07/11/1989 4,885,777 Takaragi et al. 12/05/1989 4,912,309 Danielson et al. 03/27/1990 4,924,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,533 Sipman et al. 10/09/1990			
4,620,153 Hino 10/28/1986 4,625,171 Sekihara et al. 11/25/1986 4,625,276 Benton et al. 11/25/1986 4,707,592 Ware 11/17/1987 4,724,521 Carron et al. 02/09/1988 R 32,701 Moran 06/21/1988 4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,787,035 Bourne 11/22/1988 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 12/05/1989 4,981,309 Danielson et al. 03/27/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,942,248 Caro 08/14/1990 <t< td=""><td></td><td></td><td></td></t<>			
4,625,171 Sekihara et al. 11/25/1986 4,625,276 Benton et al. 11/25/1986 4,707,592 Ware 11/17/1987 4,724,521 Carron et al. 02/09/1988 Re 32,701 Moran 06/21/1988 4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,799,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,531 Merrill et al. 07/17/1990 4,942,532 Merrill et al. 07/			
4,625,276 Benton et al. 11/25/1986 4,707,592 Ware 11/17/1987 4,724,521 Carron et al. 02/09/1988 8,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,787,035 Bourne 11/22/1988 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,941,203 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,922,532 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,531 Sipman et al. 10/09/1990 4,942,543 Caro 08/14/1990			
4,707,592 Ware 11/17/1987 4,724,521 Carron et al. 02/09/1988 Re 32,701 Moran 06/21/1988 4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,789,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,885,777 Takaragi et al. 12/05/1989 4,901,233 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,924,532 Mori 07/17/1990 4,942,535 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/21/1991 5,021,949 Morten et al. 06/04/1991			
4,724,521 Carron et al. 02/09/1988 Re 32,701 Moran 06/21/1988 4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,799,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,941,233 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,912,309 Danielson et al. 05/15/1990 4,942,532 Mori 07/11/1990 4,942,532 Mori 07/11/1990 4,942,552 Merrill et al. 07/11/1990 4,942,552 Merrill et al. 07/11/1990 4,942,248 Caro 08/14/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 <td></td> <td></td> <td></td>			
Re 32,701 Moran 06/21/1988 4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,789,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,885,777 Takaragi et al. 12/05/1989 4,912,309 Danielson et al. 03/27/1990 4,912,309 Danielson et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/11/1989 4,949,248 Caro 08/14/1990 4,962,331 Sipman et al. 10/09/1990 4,962,331 Sipman et al. 10/09/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/07/1991 5,018,196 Takaragi et al. 05/07/1991 5,025,373 Keyser, Jr. et al. 06/04/1991 5,036,461 Elliot et al. 07/30/1991 5,036,464 McCoy et al. 07/30/1991 5,036,464 McCoy et al. 07/30/1991 5,036,464 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,046,094 Kawamura et al. 09/03/1991 5,046,094 Kawamura et al. 09/03/1991 5,034,788 Matyas et al. 09/10/1992 5,113,517 Beard et al. 09/10/1992 5,113,478 Matyas et al. 09/03/1992 5,113,517 Beard et al. 09/10/1992 5,114,6553 Noguchi et al. 09/03/1992 5,146,553 Noguchi et al. 09/05/1992 5,146,553 Noguchi et al. 09/05/1993 5,195,130 Weiss et al. 09/15/1993 5,195,130 Weiss et al. 09/15/1993 5,204,947 Bernstein et al.			
4,755,940 Brachtl et al. 07/05/1988 4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,799,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,940,1223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,912,309 Danielson et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,021,949 Morten et al. 06/04/19			
4,774,655 Kollin et al. 09/27/1988 4,787,035 Bourne 11/22/1988 4,799,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,885,777 Takaragi et al. 12/05/1989 4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,962,531 Sipman et al. 10/09/1990 4,962,531 Sipman et al. 10/09/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,014,221 Mogul 05/07/1991 5,021,949 Morten et al. 06/04/1991 5,023,373 Keyser, Jr. et al. 06/18/1991 <td></td> <td>Brachtl et al.</td> <td></td>		Brachtl et al.	
4,787,035 Bourne 11/22/1988 4,799,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,847,604 Doyle et al. 07/11/1989 4,8485,777 Takaragi et al. 12/05/1989 4,912,309 Danielson et al. 03/27/1990 4,912,309 Danielson et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,947,028 Gorog 08/14/1990 4,947,028 Gorog 08/14/1990 4,942,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,962,531 Sipman et al. 11/20/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,013,196 Takaragi et al. 05/11/1991 5,025,373 Keyser, Jr. et al. 06/04/1991 5,036,481 McCoy et al. 07	•	Kollin et al.	
4,799,156 Shavit et al. 01/17/1989 4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,885,777 Takaragi et al. 12/05/1989 4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,532 Mori 07/17/1990 4,942,532 Merrill et al. 07/17/1990 4,942,532 Mori 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,962,531 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,036,461 Elliot et al. 07/30/1991	•		
4,815,029 Barker et al. 03/21/1989 4,847,604 Doyle et al. 07/11/1989 4,885,777 Takaragi et al. 12/05/1989 4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,036,461 Elliot et al. 07/30/1991 5,036,484 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/10/1991 5,047,923 Elstner et al. 09/10/1991 5,103,478 Matyas et al. 04/07/1992		Shavit et al.	
4,847,604 Doyle et al. 07/11/1989 4,885,777 Takaragi et al. 12/05/1989 4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/07/1991 5,025,373 Keyser, Jr. et al. 06/04/1991 5,036,461 Elliot et al. 07/30/1991 5,036,484 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,013,478 Matyas et al. 09/10/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992		Barker et al.	
4,885,777 Takaragi et al. 12/05/1989 4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,025,373 Keyser, Jr. et al. 06/04/1991 5,036,461 Elliot et al. 07/30/1991 5,036,484 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,13,517 Beard et al. 05/12/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992			
4,901,223 Rhyne 02/13/1990 4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,025,373 Keyser, Jr. et al. 06/18/1991 5,036,461 Elliot et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,13,478 Matyas et al. 04/07/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992			
4,912,309 Danielson et al. 03/27/1990 4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,025,373 Keyser, Jr. et al. 06/18/1991 5,036,461 Elliot et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,013,478 Matyas et al. 04/07/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992 5,146,499 Geffrotin 09/08/1992 5,146,553 Noguchi et al. 09/22/1992 </td <td></td> <td></td> <td>02/13/1990</td>			02/13/1990
4,926,325 Benton et al. 05/15/1990 4,942,532 Mori 07/17/1990 4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,965,742 Skeirik 10/09/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,025,373 Keyser, Jr. et al. 06/18/1991 5,036,461 Elliot et al. 07/30/1991 5,036,484 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,03,478 Matyas et al. 04/07/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992 5,146,499 Geffrotin 09/08/1992 5,146,553 Noguchi et al. 09/08/1992 5,149,945 Johnson et al. 09/22/1992	· · · · · ·	Danielson et al.	03/27/1990
4,942,552 Merrill et al. 07/17/1990 4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,025,373 Keyser, Jr. et al. 06/18/1991 5,036,461 Elliot et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,103,478 Matyas et al. 05/12/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992 5,146,499 Geffrotin 09/08/1992 5,148,481 Abraham et al. 09/15/1992 5,149,945 Johnson et al. 09/22/1992 5,179,690 Ishikawa 01/12/199	4,926,325	Benton et al.	
4,947,028 Gorog 08/07/1990 4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,025,373 Keyser, Jr. et al. 06/18/1991 5,036,461 Elliot et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,083,262 Haff, Jr. 01/21/1992 5,103,478 Matyas et al. 04/07/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992 5,146,499 Geffrotin 09/08/1992 5,148,481 Abraham et al. 09/15/1992 5,149,945 Johnson et al. 09/22/1992 5,161,222 Montejo et al. 11/03/1993 5,195,130 Weiss et al. 03/16/1993	4,942,532	Mori	07/17/1990
4,949,248 Caro 08/14/1990 4,962,531 Sipman et al. 10/09/1990 4,965,742 Skeirik 10/23/1990 4,972,463 Danielson et al. 11/20/1990 5,014,221 Mogul 05/07/1991 5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,025,373 Keyser, Jr. et al. 06/18/1991 5,036,461 Elliot et al. 07/30/1991 5,036,484 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,083,262 Haff, Jr. 01/21/1992 5,103,478 Matyas et al. 04/07/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992 5,146,499 Geffrotin 09/08/1992 5,148,481 Abraham et al. 09/15/1992 5,149,945 Johnson et al. 09/22/1992 5,161,222 Montejo et al. 11/03/1993 5,195,130 Weiss et al. 03/	4,942,552	Merrill et al.	07/17/1990
4,962,531Sipman et al.10/09/19904,965,742Skeirik10/23/19904,972,463Danielson et al.11/20/19905,014,221Mogul05/07/19915,018,196Takaragi et al.05/21/19915,021,949Morten et al.06/04/19915,025,373Keyser, Jr. et al.06/18/19915,036,461Elliot et al.07/30/19915,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.05/12/19925,146,499Geffrotin09/08/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,95,130Weiss et al.03/16/19935,202,828Vertelney et al.04/20/19935,204,947Bernstein et al.04/20/1993	4,947,028	Gorog	08/07/1990
4,965,742Skeirik10/23/19904,972,463Danielson et al.11/20/19905,014,221Mogul05/07/19915,018,196Takaragi et al.05/21/19915,021,949Morten et al.06/04/19915,025,373Keyser, Jr. et al.06/18/19915,036,461Elliot et al.07/30/19915,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,902,828Vertelney et al.04/13/19935,202,828Vertelney et al.04/20/1993	4,949,248	Caro	08/14/1990
4,965,742Skeirik10/23/19904,972,463Danielson et al.11/20/19905,014,221Mogul05/07/19915,018,196Takaragi et al.05/21/19915,021,949Morten et al.06/04/19915,025,373Keyser, Jr. et al.06/18/19915,036,461Elliot et al.07/30/19915,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,902,828Vertelney et al.04/13/19935,202,828Vertelney et al.04/20/1993	4,962,531	Sipman et al.	10/09/1990
5,014,221Mogul05/07/19915,018,196Takaragi et al.05/21/19915,021,949Morten et al.06/04/19915,025,373Keyser, Jr. et al.06/18/19915,036,461Elliot et al.07/30/19915,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/20/19935,204,947Bernstein et al.04/20/1993	4,965,742		10/23/1990
5,018,196 Takaragi et al. 05/21/1991 5,021,949 Morten et al. 06/04/1991 5,025,373 Keyser, Jr. et al. 06/18/1991 5,036,461 Elliot et al. 07/30/1991 5,036,484 McCoy et al. 07/30/1991 5,046,094 Kawamura et al. 09/03/1991 5,047,923 Elstner et al. 09/10/1991 5,083,262 Haff, Jr. 01/21/1992 5,103,478 Matyas et al. 04/07/1992 5,113,517 Beard et al. 05/12/1992 5,146,499 Geffrotin 09/08/1992 5,146,499 Geffrotin 09/08/1992 5,148,481 Abraham et al. 09/15/1992 5,149,945 Johnson et al. 09/22/1992 5,161,222 Montejo et al. 11/03/1992 5,179,690 Ishikawa 01/12/1993 5,202,828 Vertelney et al. 04/13/1993 5,204,947 Bernstein et al. 04/20/1993	4,972,463	Danielson et al.	11/20/1990
5,021,949Morten et al.06/04/19915,025,373Keyser, Jr. et al.06/18/19915,036,461Elliot et al.07/30/19915,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,014,221	Mogul	05/07/1991
5,025,373Keyser, Jr. et al.06/18/19915,036,461Elliot et al.07/30/19915,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,018,196	Takaragi et al.	05/21/1991
5,036,461Elliot et al.07/30/19915,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,021,949	Morten et al.	06/04/1991
5,036,484McCoy et al.07/30/19915,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,025,373	Keyser, Jr. et al.	06/18/1991
5,046,094Kawamura et al.09/03/19915,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,036,461		07/30/1991
5,047,923Elstner et al.09/10/19915,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,036,484	McCoy et al.	07/30/1991
5,083,262Haff, Jr.01/21/19925,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,046,094	Kawamura et al.	09/03/1991
5,103,478Matyas et al.04/07/19925,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,047,923	Elstner et al.	09/10/1991
5,113,517Beard et al.05/12/19925,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993		Haff, Jr.	01/21/1992
5,119,465Jack et al.06/02/19925,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993		•	04/07/1992
5,146,499Geffrotin09/08/19925,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	5,113,517	Beard et al.	05/12/1992
5,146,553Noguchi et al.09/08/19925,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	· · · · ·		
5,148,481Abraham et al.09/15/19925,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	-		
5,149,945Johnson et al.09/22/19925,161,222Montejo et al.11/03/19925,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	-		
5,161,222 Montejo et al. 11/03/1992 5,179,690 Ishikawa 01/12/1993 5,195,130 Weiss et al. 03/16/1993 5,202,828 Vertelney et al. 04/13/1993 5,204,947 Bernstein et al. 04/20/1993	-		
5,179,690Ishikawa01/12/19935,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993			
5,195,130Weiss et al.03/16/19935,202,828Vertelney et al.04/13/19935,204,947Bernstein et al.04/20/1993	· · · · · · · · · · · · · · · · · · ·	•	
5,202,828 Vertelney et al. 04/13/1993 5,204,947 Bernstein et al. 04/20/1993			
5,204,947 Bernstein et al. 04/20/1993	•		
		•	
5,206,951 Khoyi et al. 04/27/1993			
	5,206,951	Khoyi et al.	04/27/1993

Information Disclosure Statement 1714-0013

-	•	•	•	~	~	-	_	
P	a	g	е	4	0	f	1	9

5,212,369	Karlisch et al.	05/18/1993
5,220,501	Lawlor et al.	06/15/1993
5,220,380	Hirata et al.	06/15/1993
5,239,662	Danielson et al.	08/24/1993
5,243,284	Noll	09/07/1993
5,256,863	Ferguson et al.	10/26/1993
5,272,754	Boerbert	12/21/1993
5,274,821	Rouquie	12/28/1993
5,276,312	McCarthy	01/04/1994
5,277,192	Cumoulin	01/11/1994
5,278,955	Forte et al.	01/11/1994
5,278,972	Baker et al.	01/11/1994
5,294,782	Kumar	03/15/1994
5,297,249	Bernstein et al.	03/22/1994
5,307,411	Anvret et al.	04/26/1994
5,307,499	Yin	04/26/1994
5,309,351	McCain et al.	05/03/1994
5,321,806	Meinerth et al.	05/03/1994
5,321,808		06/14/1994
5,347,580	Rupp Molva et al.	09/13/1994
5,347,632		09/13/1994
5,349,678	Filepp et al. Morris et al.	
	Sullivan	09/20/1994 09/27/1994
5,351,296 5,267,572	Weiss	
5,367,572		11/22/1994
5,367,635	Bauer et al.	11/22/1994
5,373,561	Haber et al.	12/13/1994
5,377,191	Farrell et al.	12/27/1994
5,379,344	Larsson et al.	01/03/1995
5,386,517	Sheth et al.	01/31/1995
5,390,314	Swanson	02/14/1995
5,418,908	Keller et al.	05/23/1995
5,461,217	Claus	10/24/1995
5,475,585	Bush	12/12/1995
5,475,858	Gupta et al.	12/12/1995
5,497,487	Fortier	03/05/1996
5,499,343	Pettus	03/12/1996
5,510,710	Nauerth	04/23/1996
5,511,122	Atkinson	04/23/1996
5,517,569	Clark	05/14/1996
5,521,980	Brands	05/28/1996
5,526,037	Cortjens et al.	06/11/1996
5,526,409	Conrow et al.	06/11/1996
5,530,844	Phillips et al.	06/25/1996
5,544,320	Konrad	08/06/1996
5,544,161	Bigham et al.	08/06/1996
5,544,246	Mandelbaum et al.	08/06/1996
5,546,582	Brockmeyer et al.	08/13/1996
5,548,721	Denslow	08/20/1996
5,550,561	Ziarno	08/27/1996
5,550,984	Gelb	08/27/1996

Information Disclosure Statement 1714-0013

Page	5	of	19
· ugc	_	O.	.,

of 19		
5,552,586	Kalman	09/03/1996
5,557,203	Nauerth	09/17/1996
5,563,878	Blakeley et al.	10/08/1996
5,570,465	Tsakanikas	10/29/1996
5,577,233	Goettelmann et al.	11/19/1996
5,581,478	Cruse et al.	12/03/1996
5,581,686	Koppolu et al.	12/03/1996
5,581,708	Iijima	12/03/1996
5,583,940	Vidrascu et al.	12/10/1996
5,586,036	Pinstov	12/17/1996
5,586,175	Hogan et al.	12/17/1996
5,590,038	Pitroda	12/31/1996
5,590,181	Hogan et al.	12/31/1996
5,590,196	Moreau	12/31/1996
5,590,197	Chen et al.	12/31/1996
5,590,199	Krajewski, Jr. et al.	12/31/1996
5,594,910	Filepp et al.	01/14/1997
5,602,905	Mettke	02/11/1997
5,602,915	Campana et al.	02/11/1997
5,602,918	Chen et al.	02/11/1997
5,604,802	Holloway	02/18/1997
5,606,493	Duscher et al.	02/25/1997
5,613,012	Hoffman et al.	03/18/1997
5,613,096	Danknick	03/18/1997
5,615,251	Hogan et al.	03/25/1997
5,623,547	Jones et al.	04/22/1997
5,630,101	Sieffert	05/13/1997
5,633,919	Hogan et al.	05/27/1997
5,638,430	Hogan et al.	06/10/1997
5,640,193	Wellner	06/17/1997
5,642,485	Deaton et al.	06/24/1997
5,649,114	Deaton et al.	07/15/1997
5,649,118	Carlisle et al.	07/15/1997
5,652,876	Ashe et al.	07/29/1997
5,655,008	Futch et al.	08/05/1997
5,664,110	Green et al.	09/02/1997
5,666,412	Handelman et al.	09/09/1997
5,668,878	Brands	09/16/1997
5,677,953	Dolphin	10/14/1997
5,677,955	Doggett et al.	10/14/1997
5,678,002	Fawcett	10/14/1997
5,679,945	Renner et al.	10/21/1997
5,687,322	Deaton et al.	11/11/1997
5,689,799	Dougherty et al.	11/18/1997
5,694,471	Chen et al.	12/02/1997
5,694,546	Reisman	12/02/1997
5,696,903	Mahany	12/09/1997
5,703,795	Mankovitz	12/30/1997
5,706,273	Guerreri	01/06/1998
5,708,780	Levergood et al.	01/13/1998

Information Disclosure Statement 1714-0013

Page	6	of	19
ı agç	v	Οī	1

5,708,782	Larson et al.	01/13/1998
5,708,825	Sotomayor	01/13/1998
5,710,884	Dedrick	01/20/1998
5,715,314	Payne et al.	02/03/1998
5,722,754	Langner	03/03/1998
5,724,506	Cleron et al.	03/03/1998
5,729,549	Kostreski et al.	03/17/1998
5,732,219	Blumer et al.	03/24/1998
5,734,720	Salganicoff	03/31/1998
5,742,845	Wagner	04/21/1998
5,742,931	Spiegelhoff et al.	04/21/1998
5,748,908	Yu	05/05/1998
5,754,655	Hughes et al.	05/19/1998
5,756,978	Soltesz et al.	05/26/1998
5,758,257	Herz et al.	05/26/1998
5,778,067	Jones et al.	07/07/1998
5,781,189	Holleran et al.	07/14/1998
5,799,156	Hogan et al.	08/25/1998
5,805,719	Pare, Jr. et al.	09/08/1998
5,805,807	Hanson et al.	09/08/1998
5,809,415	Rossmann	09/15/1998
5,815,577	Clark	09/29/1998
5,815,657	Williams et al.	09/29/1998
5,819,092	Ferguson et al.	10/06/1998
5,826,245	Sandberg-Diment	10/20/1998
5,838,906	Doyle et al.	11/17/1998
5,850,442	Muftic	12/15/1998
5,851,149	Xidos et al.	12/22/1998
5,854,833	Hogan et al.	12/29/1998
5,867,821	Ballantyne et al.	02/02/1999
Re. 36,310	Bjerrum et al.	09/21/1999
5,870,552	Dozier et al.	02/09/1999
5,870,724	Lawlor et al.	02/09/1999
5,873,099	Hogan et al.	02/16/1999
5,884,292	Baker et al.	03/16/1999
5,889,863	Weber	03/30/1999
5,931,917	Nguyen et al.	08/03/1999
5,933,816	Zeanah et al.	08/03/1999
5,953,731	Glaser	09/14/1999
5,960,216	Vishlitzky et al.	09/28/1999
5,963,205	Sotomayor	10/05/1999
5,973,731	Schwab	10/26/1999
5,978,569	Traeger	11/02/1999
5,978,773	Hudetz et al.	11/02/1999
5,982,891	Ginter et al.	11/09/1999
5,983,004	Shaw et al.	11/09/1999
5,987,312	Dekker	11/16/1999
5,996,076	Rowney et al.	11/30/1999
6,085,224	Wagner	07/04/2000
6,112,191	Burke	08/29/2000

Page 7 of 19

6,175,922 B1	Wang	01/16/2001
6,182,052	Fulton et al.	01/30/2001
6,205,437	Gifford	03/20/2001
6,208,904	Mullen, Jr.	03/27/2001
6,212,575 B1	Cleron et al.	04/03/2001
6,226,744 B1	Murphy et al.	05/01/2001
6,226,752 B1	Gupta et al.	05/01/2001
6,253,027 B1	Weber et al.	06/26/2001
6,275,869	Sieffert et al.	08/14/2001
6,279,112 B1	O'Toole, Jr. et al.	08/21/2001
6,282,656 B1	Wang	08/28/2001
6,283,375	Wilz, Sr. et al.	09/04/2001
6,470,326 B1	Drummond et al.	10/22/2002
6,505,177 B1	Drummond et al.	01/07/2003
6,539,361 B1	Richards et al.	03/25/2003

Foreign Patent No.	<u>Country</u>	Int'l Publication Date
WO 95/16971	PCT	22/06/95
WO 96/41286	PCT	19/12/1996
WO 97/01137	Hudetz et al.	01/09/1997

Other Documents

- 1. "Europay Members Forum", Europay International, May 8, 2001, (3 pages).
- 2. "NCR 2170 Hospitality Workstation Designed for Bars, Restaurants", AT&T News Release, February 2, 1993, (2 pages).
- 3. "AT&T to Increase Smart Card Reliability, Expand Memory to 8KB", AT&T News Release, April 8, 1994, (2 pages).
- 4. "AT&T and NCR Offer Smart Card Upgrade Kits for Bank ATMs", AT&T News Release, November 17, 1993, (2 pages).
- 5. "The Smart Card Cashes In", The Economist, January 29, 1994 (2 pages).
- 6. "NCR 7450 Terminal Brings ATM-style Interface to Point-of-Sale", AT&T News Release, October 11, 1993, (4 pages).
- 7. "Mastercard Smart Card Milestones", MasterCard International Press Office, March 5, 2001, (3 pages).
- 8. Svigals, Jerome, "Microchip Smart Cards Will Save Money", American Banker, February 2, 1994, (1page).
- 9. Barthel, Matt, "Fears of Crime at ATMs are on the Rise", American Banker, March 30, 1994, (1 page).
- 10. "Smart Card Forum Publication List", Smart Card Forum, March 2, 2001, (7 pages).
- 11. "Appendix: Major Electronic Purse Projects, By Country", Pages 35-50 and 52-64, Date Unknown, (29 pages).
- 12. O'Kelly, Robin, "Mondex 'Global Electronic Cash' Wins Helsinki Award", September 8, 1996, (2 pages).
- 13. "White Paper The Euro in the Electronic Purse", April 2000, (5 pages).
- 14. "History of Gemplus", Gemplus, March 2, 2001, (3 pages).
- 15. Pauli, Ralf and Koponen, Risto, "Toward Electronic Money", Bank of Finland Bulletin, April 1997, (3 pages).
- 16. "A Frequently Asked Questions List (FAQ) for <u>alt.technology.smartcards</u>", Estonian Institute of Cybernetics, July 4,1995, (12 pages).

- 17. Husemann, Dirk, "The Smart Card: Don't Leave Home Without It", Institute of Electrical and Electronics Engineers, Inc., September 18, 2000, (9 pages).
- 18. "Report to the Council of The European Monetary Institute on Prepaid Cards", The Working Group on EU Payment Systems, May 1994, (12 pages).
- 19. Banerjee, Ram, "Smart Card Standards and Electronic Purse, A Review Paper", Aston University, May 1997, (20 pages).
- 20. Townend, Robin C., "Finance: History, Development & Market Overview", The International Smart Card Industry Guide, 1995-1996, (23 pages).
- 21. Monod, Elsbeth Marikje, "Case Study: The Multi-Functional Smart Carte Sante", The International Smart Card Industry Guide, 1995-1996, (8 pages).
- 22. Smith, Jack, "Smart Card Industry Review 1995", Smart Card Monthly Newsletter, January 1996, (6 pages).
- 23. Crotch-Harvey, Trevor, "Smart Cards in Telecoms", The International Smart Card Industry Guide, 1995-1996, (14 pages).
- 24. Farmer, Donna and Tonnac, Remy de, "What's So Smart About Smart Cards", Gemplus, October 10, 2000, (1 page).
- 25. "P401 Definition of a pan-European IC Card", Eurescom, March 5, 2001, (1 page).
- 26. "Innovonics, Inc. Selects AMP as Manufacturer for the PC Pay Module", Innovonics News Release, May 19, 1995, (3 pages).
- 27. Levy, Steven, "E-Money (That's What I Want)", Wired, December, 1994, (2 pages).
- 28. Fickenscher, Lisa, "Banc One Gears Up to Go National With Its Microchip Smart Cards", American Banker, January 27, 1994 (2 pages).
- 29. Strachman, Daniel and Kutler, Jeffrey, "Convention Goers See Bank Future in Smart Cards", American Banker, November 30, 1993, (1 page).
- 30. Meece, Mickey, "First Data Strengthens Position in Card Processing", American Banker, December 21, 1993, (1 page).
- 31. Kutler, Jeffrey, "Prepaid Cards, Even in Concept Stage, Sparking Interest Among Consumers", American Banker, April 27, 1994, (1 page).
- 32. Kutler, Jeffrey, "Visa Starts Push for Smart Card to Replace Cash", American Banker, March 22, 1994, (2 pages).
- 33. "AT&T Introduces Enhanced Multimedia Interface for ATM Networks", AT&T News Release, May 4, 1994, (2 pages).
- 34. "Trendar and AT&T Test Contactless Smart Cards at Truck Stops", AT&T News Release, February 26, 1993, (3 pages).
- 35. "NCR Announces 5980 Signature Capture System for Retailers", AT&T News Release, September 30, 1991, (2 pages).
- 36. Merckling, Roger and Anderson, Anne, "Smart Card Introduction", March 1994, (16 pages).
- 37. Merckling, Roger and Anderson, Anne, "DCE Smart Card Integration", March 1994, (16 pages).
- 38. "Chapter 2 Technology", Smart Card Primer, The Schuler Consultancy, ©1993, pages 13-24 and 26-29, (16 pages).
- 39. "CP8® PRODUCTS, PASCAM, Network Security Processor", January 1994, (4 pages).
- 40. "Notes on Open Networks and Device Addressing", IBM Corporation, April 25, 2001, (19 pages).
- 41. Chakrabarti, Samdih, Knight, James and Thies, Bill, "A Centralized Smart Card System Utilizing Distributed Proxies", 2000, University of Leeds, (16 pages).
- 42. "Single-Issuer Multiple Uses", Smart Card Primer, The Schuler Consultancy, © 1993, (3 pages).

- 43. Sazegar, Hossein, "The Impact of Smart Cards in the Global Payphone Business", Schlumberger Technologies, ©1992, (11 pages).
- 44. Derksen, Eduard, "Money-Bit: The Open Off-Host Prepaid Card System", Ascom Autelca, Ltd., Date Unknown, (10 pages).
- 45. Corzo, Gerardo, "Credisa's Elite Card System", Date Unknown, (5 pages).
- 46. Cordonnier, Vincent M., "Assessing the Future of Smart Cards", Cardtech, Date Unknown, (7 pages).
- 47. "NatWest Launch Mondex Global Electronic Cash", Smart Card News, Ltd., December 1993, (7 pages).
- 48. Merkert, Sr., Robert J., "Stored Value Cards and The Electronic Purse: Developments in the Americas", Danyl Corporation, ©1995, (8 pages).
- 49. "CP8® Products, PinPadLINK, Readers/Encoders", Dactyl France, June 1993, (2 pages).
- 50. "Smart Security", Byte Talk, February, 1994, (2 pages).
- 51. Verschuren, Ton, "Smart Access: Strong Authentication on the Web", April 24, 2001, (10 pages).
- 52. "PKCS #11: New Member of Public Key Cyrptography", RSA Data Security, Inc., January 12, 1994, (2 pages).
- 53. Petri, Steve, "An Introduction to Smarcards", Litronic, Inc., ©1998, (2 pages).
- 54. Violino, Bob, "The Cashless Society", InformationWeek, October 11, 1993, (5 pages).
- 55. Merkert, Sr., Robert J., 'Keynote Presentation for the AIC Conference, Auckland, New Zealand', Danyl Corporation, ©1995, (4 pages).
- 56. "Videoway's Experience Shows a New Approach to the Interactive Opportunity", Inside Cablè and Telecom Services, June 1995, (3 pages).
- 57. Bull CP8® News, Products and Technologies, No. 22, October 1994, (2 pages).
- 58. Bull CP8® Systems Product Sheet, September 1994, (2 pages).
- 59. "One Store's Comprehensive Loyalty Program The Takashimaya Experience", Verifone, Inc., ©1994, (4 pages).
- 60. "Mondex Payments Scheme", Smart Card News Ltd., December 1993, (2 pages).
- 61. "Why Consumers Are Still Carrying Cash Everywhere", Philadelphia Inquirer, June 11, 1995, (2 pages).
- 62. "Electronic Payment System Architecture for Point of Sale Application", IBM Technical Disclosure Bulletin, January 1992, (1 page).
- 63. "Portable Self Checkout Retail System", IBM Technical Disclosure Bulletin, June 1992, (3 pages).
- 64. "Transaction Completion Code Based on Digital Signatures", IBM Technical Disclosure Bulletin, August 1985, (6 pages).
- 65. "Chapter 4 Uses", Smart Card Primer, The Schuler Consultancy, ©1993, pages 57-66, 80-83, and 87-91 (19 pages).
- 66. Figure 8.5 from page 151 of Zoreda & Oton "Smart Cards", Artech House, ©1994 (1 page).
- 67. "Internet Music Library Process", Date Unknown, (1 page).
- 68. Bibliography for "CITM Working Paper WP-95-1005: Designing Electronic Catalogs for Business Value: Results from the CommerceNet Pilot", Date Unknown, (3 pages).
- 69. Van Hove, Leo, Bibliography on Electronic Purses, Date Unknown, (4 pages).
- 70. Bibliography for "CITM Working Paper WP-95-1006: Financial EDI Over the Internet: A Case Study", Date Unknown, (5 pages).

- 71. Bibliography for Hawkes, P.L., Davies, Donald W., and Price, W.L., "Integrated Circuit Cards, Tags, and Tokens: New Technology and Applications", Oxford; Boston: BSP Professional, ©1990, (1 page).
- 72. Bibliography for Devargas, M., "Smart Cards and Memory Cards", Oxford; Blackwell NCC, ©1992, (1 page).
- 73. Bibliography for Svigals, Jerome, "Smart Cards: The New Bank Cards", New York: Macmillan; London: Collier Macmillan Publishers, ©1987, (1 page).
- 74. Bibliography for Bright, Roy, "Smart Cards: Principles, Practice, Applications", Chichester [England]: Ellis Horwood; New York: Halsted Press, ©1988, (1 page).
- 75. Bibliography for Svigals, Jerome, "Smart Cards: The Ultimate Personal Computer", New York: Macmillan Publishing Co.; London: Collier Macmillan, ©1985, (1 page).
- 76. Bibliography for "Applications of Computer Card Technology", Washington, D.C., U.S. Dept. of Labor, Office of the Inspector General, [1990], (1 page).
- 77. German article entitled "Erfahrungen Mit Einer Hochsicheren, Multifunktionalen Chipkarte fur Bankenanwendungen" Date Unknown, (21 pages).
- 78. Document entitled: "Dialog Search for U.S. Patent Number 5,905,908", Date Unknown, (59 pages).
- 79. UBI Consortium Inc. Document, March 26, 2001 (2 pages).
- 80. HTML file entitled: "The Common Gateway Interface", available at httpd@ncsa.uiuc.edu, circa, June 1995.
- 81. HTML file entitled: "Critique of Secure-HTTP", available at shttp://www.spyglass.com/secure, April 19, 1995.
- 82. Directory of abstracts of HTML files available from IEFT Secretariat Corporation for National Research Initiatives; circa, June 1995.
- 83. HTML file entitled: "A Beginner's Guide to HTML", available from National Center for Supercomputing Applications/pubs@ncsa.uiuc.edu; circa, June 1995.
- 84. Memo entitled: "Uniform Resource Locators (URL)", by URI working group of the Internet Engineering Task Force; December 1994.
- 85. Press release entitled: "VeriFone to acquire Enterprise Integration Technologies (EIT), Internet Commerce Software and Services Leader", VeriFone, Inc. and Enterprise Integration Technologies; Redwood, California; August 21, 1995.
- 86. Spyglass white paper entitled: "Electronic Commerce Standards for the WWW"; Spyglass, Inc.http://www.spyglass.com; April 1995.
- 87. Memo entitled: "The Secure Hypertext Transfer Protocol"; E. Rescorla and A. Schiffman; July 1995.
- 88. Article entitled: "Cash on the Wirehead"; Andrew Singleton, BYTE Magazine, June 1995.
- 89. "Beyond the Web: Excavating the Real World Via Mosaic", Goldberg et al., 2nd International WWW Conference.
- 90. "Magnetic Resonance Angiography", Radiology 1986; 161, p. 717-720, Dumoulin et al.
- 91. "Velocity and Diffusion Imaging in Dynamic NMR Microscopy", JMR 91, p. 326-352, 1991, Callaghan et al.
- 92. "Reduced Circular Field-of-View Imaging", MRM 40:474-480, 1998, Scheffler et al.
- 93. "Measurement of Flow Using Back Projection Reconstruction: Display of Limited Regions of the Body", Young et al.
- 94. Salsman, James P., "Form-based Device Input and Upload in HTML", available at http://www.w3.org/1999/07/NOTE-device-upload-19990706, Cisco Systems, © 1999, July 6, 1999 (9 pages).
- 95. Memo entitled: "Form-based File Upload in HTML", E. Nebel and L. Masinter,

- Network Working Group of Xerox Corporation, November 1995 (12 pages).
- 96. HTML file entitled: "HTML 3.0 Draft (Expired!) Materials", available at http://www.w3.org/MarkUp/html3, December 21, 1995 (4 pages).
- 97. Berners-Lee, T. and Connolly, D., HTML file entitled: "HyperText Markup Language Specification --2.0", available at http://www.w3.org/MarkUp/html-spec., November 1995 (10 pages).
- 98. Raggett, David, HTML file entitled: "A Review of the HTML + Document Format", Hewlett Packard Laboratories, date unknown (13 pages).
- 99. Raggett, David, HTML file entitled: "10-Fill-out Forms and Input Fields", available at http://www.w3.org/MarkUp/HTMLPlus/htmlplus_41.html, November 8, 1993 (5 pages).
- 100. Raggett, David, HTML File entitled: "ISO 8879:1986", available at http://www.w3.org/MarkUp/htmlplus_paper/htmlplus.dtd, April 5, 1994 (17 pages).
- 101. Riordan, T., "A Toll Collector on the Information Highway", *The New York Times*, Sunday, August 22, 1993, (3 pages).
- 102. Burchard et al., "Compound Documents in HTML", Internet Draft Memo, Date Unknown, (14 pages).
- 103. Press Release, "Netscape Introduces Netscape Navigator 2.0", Netscape Company Press Relations, September 18, 1995, (3 pages).
- 104. Stabell, B., "The EMBED Tag by Netscape (v2.0)", September 19, 1995, (9 pages).
- 105. Article entitled, "Eolas Sue Microsoft for Infringement of Patent for Fundamental Web Browser Technology That Makes "Plug-Ins" and "Applets" Possible", Chicago, Illinois, February 2, 1999, (2 pages).
- 106. Sottong, S., "Quick HTML Basics", Date Unknown, (12 pages).
- 107. Ang et al., "Integrated Control of Distributed Volume Visualization Through the World-Wide-Web", October 30, 2001, (8 pages).
- 108. Krajewski, Jr., et al., "Applicability of Smart Cards to Network User Authentication", Computing Systems, Vol. 7, No. 1, Winter 1994, (15 pages).
- 109. "Financial Institution Sign-On Authentication for Wholesale Financial Transactions", American National Standards Institute, X9.26, February 28, 1990, (35 pages).
- 110. Kohl et al., "The Evolution of Kerberos Authentication Service", Date Unknown, (15 pages).
- 111. Cordonnier et al., "Time as an Aid to Improving Security in Smart Cards", Date Unknown, (14 pages).
- 112. Cordonnier et al., "The Concept of Suspicion: A New Security Model for Identification Management in Smart Cards", Date Unknown, (14 pages).
- 113. Haykin et al., "Computer Science and Technology Smart Card Technology: New Methods for Computer Access Control", U.S. Department of Commerce, National Technical Information Service, September 1998, (55 pages).
- 114. Rescorla et al., "The Secure HyperText Transfer Protocol", Internet Draft Memo, December 1994, (29 pages).
- 115. Takei, D., "Videotex Information System and Credit System Connecting with MARS-301 of JNR", Japanese Railway Engineering, No. 95, September 1985, (5 pages).
- 116. Pongratz et al., "IC Cards in Videotex Systems", Smart Card 2000: The Future of IC Cards, International Conference, October 19-20, 1987, (9 pages).

- 117. Neuman, B.C., "Security, Payment, and Privacy for Network Commerce", IEEE Journal on Selected Areas in Communication", Vol. 13, No. 8, October 1995, (8 pages).
- 118. Zilles, S.N., "Catalog-Based Order Entry System", IBM Technical Disclosure Bulletin, Vol. 25, No. 11B, April 1983, (3 pages).
- 119. Article entitled "PKCS #11: New Member of Public Key Cryptography", available online at http://www.rsasecurity.com/news/pr/940112-1.html., January 12, 1994, (12 pages).
- 120. Kessler, J., "The French Minitel: Is There Life Outside of the "US ASCII" Internet? A Challenge or Convergence", D-Lib Magazine, December 1995, (10 pages).
- 121. Schöter et al., "Digital Money Online, A Review of Some Existing Technologies", Intertrader Ltd., ©February 1997, (60 pages).
- 122. Sutherland, E., "The Quickening Pace of Technology", ©1995, (3 pages).
- 123. Article entitled "NetBill: An Internet Commerce System Optimized for Network Delivered Services", Date Unknown, (9 pages).
- 124. Reagle, Jr., et al., Expanded Bibliography for "Papers Describing the Operation of Electronic Commerce Protocols", Date Unknown, (3 pages).
- 125. Article entitled "ISO/IEC 7816 Part 4: Interindustry Command for Interchange", November 26, 1998, (77 pages).
- 126. 1991 Statement on Role of NIST, available online at http://csrc.nist.gov/publications/nistbul/cs191-02.txt., June 17, 1992, (38 pages).
- 127. Kirkman, P., "Electronic Funds Transfer Systems: The Revolution in Cashless Banking and Payment Methods", ©1987, (14 pages).
- 128. Fancher, C., "Smart Cards: As Potential Applications Grow, Computers in the Wallet are Making Unobtrusive Inroads", Scientific American, Date Unknown, (10 pages).
- 129. Walsh, E., "Smart Card Standards", Datapro Information Services, August 25, 2000, (10 pages).
- 130. Article entitled "The Birth of Smart Cards: 1980", Le Courier de la Monétique, Date Unknown, (2 pages).
- 131. Article entitled "The Birth of Smart Cards: 1981", Le Courier de la Monétique, Date Unknown, (3 pages).
- 132. Article entitled "The Birth of Smart Cards: 1982", Le Courier de la Monétique, Date Unknown, (2 pages).
- 133. Article entitled "The Birth of Smart Cards: 1983", Le Courier de la Monétique, Date Unknown, (2 pages).
- 134. Article entitled "The Birth of Smart Cards: 1984", Le Courier de la Monétique, Date Unknown, (3 pages).
- 135. Article entitled "The Birth of Smart Cards: 1985", Le Courier de la Monétique, Date Unknown, (2 pages).
- 136. Article entitled "The Birth of Smart Cards: 1986", Le Courier de la Monétique, Date Unknown, (3 pages).
- 137. Article entitled "The Birth of Smart Cards: 1987", Le Courier de la Monétique, Date Unknown, (2 pages).
- 138. Article entitled "The Birth of Smart Cards: 1988", Le Courier de la Monétique, Date Unknown, (2 pages).
- 139. Article entitled "The Birth of Smart Cards: 1989", Le Courier de la Monétique, Date Unknown, (2 pages).

- 140. Doyle, M., University of California, San Diego, Office of Continuing Medical Education, Disclosure Statement, November 30, 1993, (10 pages).
- 141. Article entitled "Workshop on Network and Distributed System Security", Privacy and Research Group, February 11-12, 1993, (5 pages).
- 142. Krajewski, Jr., M., "Concept for a Smart Card Kerberos", January 22, 2002, (8 pages).
- 143. Kohl et al., "The Kerberos Network Authentication Service (V5)", September 1993, (103 pages).
- 144. Nebel, E., "File Upload in HTML Forms", September 23, 1994, (4 pages).
- 145. Raggett, D., E-mail memo entitled "Re: Request for New Forms Submission Consensus", October 12, 1993, (4 pages).
- 146. Gaskell, et al., "Improved Security for Smart Card Use in DCE", February 1995, (17 pages).
- 147. Pato, J., "Using Pre-Authentication to Avoid Password Guessing Attacks", June 1993, (5 pages).
- 148. Shipplett, M., E-mail memo entitled "Re: Insecure WWW Access Authorization Protocol?", March 7, 1994, (3 pages).
- 149. "Financial Transaction Card Originated Messages Interchange Message Specifications", International Standard, Second Edition, December 15, 1993, (128 pages).
- 150. Various articles on the subject "1994 NIST Guideline for Advanced Authentication (Smart Cards)", Date Unknown, (73 pages).
- 151. Allen et al., "Smart Cards: Seizing Strategic Business Opportunities", The Smart Card Forum, ©1997 The McGraw Hill Companies, Inc., (323 pages).
- 152. Fielding et al., "Hypertext Transfer Protocol HTTP/1.1", January 1997, (162 pages).
- 153. Branwyn, G., "M·O·S·A·I·C Quick Tour for Windows: Accessing & Navigating the Internet's World Wide Web", ©1994 Ventana Press, Inc., (215 pages).
- 154 Shelly et al., "Netscape Navigator: An Introduction", ©1996 Boyd & Fraser Publishing Company, (138 pages).
- 155. James, P., "Official Netscape Navigator 2.0 Book: Windows Edition", ©1996, Ventana Press, Inc., (692 pages).
- 156. Article entitled "A Smart Card for On-Line Home Services", ChipCord News, Issue No. 32, July 1990, (2 pages).
- 157. Bosak et al., "XML and the Second Generation Web", Scientific American, May 1999, (5 pages).
- 158. Berners-Lee et al., "RFC1866 Hypertext Markup Language 2.0", November 1995, (58 pages).
- 159. Burchard et al., "Compound Documents in HTML", Internet Draft Memo, Date unknown, (14 pages).
- 160. Press Release, "Netscape Introduces Netscape Navigator 2.0", Netscape Company Press Relations, September 18, 1995, (3 pages).
- 161. Hansen, Wilfred J., "Enhancing Documents with Embedded Programs: How Ness Extends Insets in the Andrew ToolKit", IEEE 1990, pp. 23-32, (10 pages).
- 162. Tani, M., Yamaashi, K., Tanikoshi, K., Futakawa, M. and Tanufuji, S., "Object-Oriented Video: Interaction with Real-World Objects Through Live Video", ACM 1992, pp. 593-598, (6 pages).

- 163. Crowley, T., Milazzo, P., Baker, E., Forsdick, H. and Tomlinson, R., "MMConf: An Infrastructure for Building Shared Multimedia Applications", ACM 1990, pp. 329-342. (14 pages).
- 164. Davis, H., Hall, W., Heath, I., Hill, G. and Wilkins, R., "Towards an Integrated Information Environment with Open Hypermedia Systems", ACM 1992, pp. 181-191, (10 pages).
- 165. Ferrara, Fabrizio, M., "The KIM Query System: AN Iconic Interface for the Unified Access to Distributed Multimedia Databases", SIGGHI Bulletin 1994, Vol. 26, No. 3, pp. 30-39, (10 pages).
- 166. Gibbs, Simon, "Composite Multimedia and Active Objects", OOPSLA 1991, pp. 97-112, (16 pages).
- 167. Davis, H, Hall, W., Pickering, A. and Wilkins, R., "Microcosm: An Open Hypermedia System", ACM, 1993, (1 page).
- 168. Cullen, J., Day, B. and Planes, M., "The Use of FTAM to Access Graphical Pictures Across Wide Area Networks", Elsevier Science Publishers B.V. 1992, pp. 377-383, (19 pages).
- 169. Vaziri, Arsi, "Scientific Visualization in High-Speed Network Environments", Elsevier Science Publishers B.V. 1991, pp. 111-129, (19 pages).
- 170. Lashkari, Y., Rao, S., Mhaskar, V. and Shelat, A., "PLX: A Proposal to Implement a General Broadcasting Facility in a Distributed Environment Running X Windows", Comput. & Graphics, Vol. 16, No. 2, 1992, pp. 143-149, (7 pages).
- 171. Kirste, Thomas, "SpacePicture-An Interactive Hypermedia Satellite Image Archival System", Comput. & Graphics, Vol. 17, No. 3, 1993, pp. 251-260, (10 pages).
- 172. Coulson, G., Blair, G., Davis, N., and Williams, N. "Extensions to ANSA for Multimedia Computing", Elsevier Science Publishers B.V. 1992, pp. 305-322, (18 pages).
- 173. Le Huynh, D., Jensen, M., Larsen, R., Southard, J., and Wang, F., "PIX: An Object-Oriented Network Graphics Environment", Comput. & Graphics, Vol. 17, No. 3, 1993, pp. 295-304, (10 pages).
- 174. Berners-Lee, T.J., Cailliau, R., and Groff, J., "The World-Wide Web", Elsevier Science Publishers B.V. 1992, pp. 454-459, (6 pages).
- 175. Shackelford, D., Smith, J. and Sith, F. "The Architecture and Implementation of a Distributed Hypermedia Storage System", Nov., 1993, pp. 1-13, (13 pages).
- 176. Labriola, Don, "Whiteboard Software: Remote Possibilities", PC Magazine, June 14, 1994, pp. 223-224, (2 pages).
- 177. "How We Evaluate the Whiteboard Software", PC Magazine, June 14, 1994, pp. 225-228, (4 pages).
- 178. Udell, John, "Visual Basic Custom Controls Meet OLE", BYTE, March 1994, pp. 197-198 and 200, (3 pages).
- 179. Sarna, D. and Febish, G., "OLE Gains Without (Much) Pain", DATAMATION, June 15, 1994, pp. 31, (1 page).
- 180. Scrupski, Susan, "Outsourcing: It Could be Good", DATAMATION, June 15, 1994, pp. 32-33 and 114, (3 pages).
- 181. Rizzo, John, "What's OpenDoc?", MacUser, April 1994, pp. 119-123, (3 pages).
- 182. Cello Browser Release 1.01a ftp:law.cornell.edu/pub/L11/cello, March 16, 1994, (8 pages).
- 183. "Why Jim Clark Loves Mosaic", Wired, October 1994, pp. 118-121, 150-151 and 157, (7 pages).

- 184. Marovac, N. and Osburn, L., "Hypernet: A Tool to Choreograph Worldwide Distributed Hypermedia Documents", Comput. & Graphics, Vol. 16, No. 2, 1992, pp. 197-202, (6 pages).
- 185. Moeller, M. and Leach, N., "Microsoft Maps New OCX Plan: ActiveX seen as Web Content Platform", PC Week, March 11, 1996, Vol. 13, No. 10, pp. 1-2, (2 pages).
- 186. "OLE 2.0: Death to Monoliths?", BYTE, March 1994, pp. 121-122, (2 pages).
- 187. "Netscape Communications Offers New Network Navigator Free on the Internet", http://home.netscape.com/newsref/pr/newsrelease1.html, January 29, 1998.
- 188. Sackman, Gleason, "Remote Tele-Excavation via the Web", Tele-robotics, Vol. 11, Issue 9, (1 page).
- 189. Wolf, Gary, "The (Second Phase of) the Revolution has Begun", WIRED, October 1994, pp. 16-17, (2 pages).
- 190. Wynne, B. and Marovac, N., "Lean Management, Group Support Systems, and Hypermedia: A Combination Whose Time Has Come", IEEE, 1993, pp. 112-121, (10 pages).
- 191. Moran, Patrick J., "Tele-Nicer-Slicer-Dicer: A New Tool for the Visualization of Large Volumetric Data", Biomedical Imaging Group, pp. 1-7, (7 pages).
- 192. Hansen, W. and Consortium, A. "Andrew as a Multiple Environment for Visual Languages", IEEE, 1993, pp. 256-260, (5 pages).
- 193. Doyle, M., "The Virtual Embryo: VR Applications in Human Development Anatomy", January 27, 1994, pp. 1-9, (9 pages).
- 194. Doyle, M., "A Knowledge Management Environment through the World Wide Web", 01/07/1994.
- 195. Oliver, D. et al., "Netscape tm Unleashed"
- 196. Ang, C., Martin, D. and Doyle, M., "Integrated Control of Distributed Volume Visualization Through the World-Wide-Web", 1994, pp. 1-10 (10 pages).
- 197. Hume, Tom, "WAP: Where we've come from, where we are, where we're going," Available on line at http://www.tomhume.org/stories/2002/02/04/wapWhereWeveComeFromWhereWeAreW... (18 pages).
- 198. Goldman, Chris, "Browsing for Perfection," ARC Group in the Press, February 1, 2001, Available online at http://www.arcgroup.com/homepage.nsf/PRSARC/ar010201, (4 pages).
- 199. "Handheld Devices Markup Language (HDML) specification," April 11, 1997, Available online at http://www.w3.org/TR/hdml20-3.html through http://www.w3.org/TR/hdml20-9.html, (33 pages).
- 200. Hinden, R., "Simple Internet Protocol Plus White Paper," Network Working Group, October 1994, Available online at ftp://ftp.rfc-editor.org/innotes/rfc1710.txt, (22 pages).
- 201. McCarthy, Vance, "Novell to link wireless laptops, PDAs to LANs (portable computers, personal digital assistants, local area networks)," InfoWorld, September 13, 1993 v15 n37 p1, (2 pages).
- 202. Schwartz, Barry K. and Stephen B. Weinstein, "Dual-Media Messaging Using Screen Telephones on the Telephone Network," Bell Communications Research, IEEE 1993, pp. 1183-1188, (6 pages).
- 203. Verjinski, Richard D., "PHASE, A Portable Host Access System Environment," Unisys Defense Systems, IEEE 1989, pp. 806-809, (4 pages).
- 204. Klemets, Anders, Gerald Q. Maguire, Frank Reichert, and Mark T. Smith, "MINT A Mobile Internet Router," IEEE 1993, pp. 70-74, (5 pages).
- 205. Perkins, Charles E. and Pravin Bhagwat, "A Mobile Networking System based on

- Internet Protocol," IEEE Personal Communications, First Quarter 1994, pp. 32-41, (10 pages).
- Connolly, T., P. Amer, and P. Conrad, "An Extension to TCP: Partial Order Service," Network Working Group, November 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1693.txt, (14 pages).
- 207. Furniss, P., "Octet Sequences for Upper-Layer OSI to Support Basic Communications Applications," Network Working Group, October 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1698.txt, (28 pages).
- 208. Graves, C., T. Butts, and M. Angel, "TN3270 Extensions for LUname and Printer Selection," Network Working Group, July 1994, Available online at ftp://ftp.rfc.editor.org/in-notes/rfc1646.txt, (13 pages).
- 209. Klensin, J., N. Freed, M. Rose, E. Stefferud, and D. Crocker, "SMTP Service Extensions," Network Working Group, February 1993, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1425.txt, (10 pages).
- 213. Wang, Z., "EIP: The Extended Internet Protocol A Framework for Maintaining Backward Compatibility," Network Working Group, November 1992, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1385.txt, (16 pages).
- 214. Gwinn, A., "Simple Network Paging Protocol Version 2," Network Working Group, July 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1645.txt, (15 pages).
- 215. Braden, B., J. Postel, and Y. Rekhter, "Internet Architecture Extensions for Shared Media," Network Working Group, May 1994, Available online at ftp://ftp.rfc editor.org/in-notes/rfc1620.txt, (18 pages).
- 216. Delgrossi, Luca, Christian Halstrick, Ralf Guido Herrtwich, and Heinrich Stüttgen, "HeiTP A Transport Protocol for ST-II," IBM European Networking Center, IEEE 1992, pp. 1369-1373, (5 pages).
- 217. Tsang, P. W. M. and R. W. C. Wang, "Development of a Distributive Lighting Control System Using Local Operating Network," IEEE Transactions on Consumer Electronics, Vol. 40, No. 4, November 1994, (11 pages).
- 218. Adomeit, Reinhard and Bernhard Holtkamp, "A Reference Framework for Integrated POI/POS Systems," Fraunhofer Institute for Software Engineering and Systems Engineering, (4 pages).
- 219. Caneve, Maurizio, and Roberto Gagliardi, "A WAIS-Based Hypermedia Document System," (4 pages).
- 220. Schmidt, Claudia, Burkhard Stiller, and Martina Zitterbart, "Towards Flexible Service-integrated Communication Subsystems," July 1, 1994, (4 pages).
- 221. Plagemann, Thomas, Janusz Waclawczyk, and Bernhard Plattner, "Management of Configurable Protocols for Multimedia Applications," (4 pages).
- 222. "Frame relay attracts chains; networks at Kash N' Karry, Office Max (network communications protocol)," Chain Store Age Executive with Shopping Center Age, December 1994 v70, (4 pages).
- 223. Cummings, Joanne, "What's Hot What's Not '95," Network World, December 26, 1994/January 2, 1995, (5 pages).
- 224. Aronin, Mindy, "XcelleNet launches fifth-generation RemoteWare 2.0 for remote and mobile applications," Business Wire, November 28, 1994, (4 pages).
- 225. Baum, David, "Designing mobile applications (case studies of companies developing mobile programs)," InfoWorld, November 28, 1994 v16 n48 p73, (7 pages).
- 226. Moeller, Michael, "Wireless standard to ease application portability; extensions will provide a common layer for CDPD, RAM, Ardis

- software," PC Week, November 21, 1994 v11 n46 p1, (3 pages).
- 227. Petreley, Nicholas, Nancy Durlester, and Laura Wonnacott, "The interoperability headache: linking disparate clients and servers," InfoWorld, November 15, 1993 v15 n46 p124, (12 pages).
- 228. Miscellaneous List of Article Abstracts, (50 pages).
- 229. Rescorla et al., "The Secure HyperText Transfer Protocol", Network Working Group, © August 1999, (42 pages).
- 230. Berners-Lee et al., "HyperText Markup Language Specification 2.0", November 29, 1994, Available online at http://marc.merlins.org/~merlin/htmlearn/html2.html., August 21, 2002, (69 pages).
- 231. Raggett, Dave, "HyperText Markup Language Specification Version 3.0", March 28, 1995, Available online at http://www.w3.org/MarkUp/html3/html3.txt., August 21, 2002, (181 pages).
- 232. Merle et al., "Integration of heterogeneous environments: World Wide Web, Smart Card and Corba," Date Unknown, (16 pages).
- 233. "ProSolutions, Inc. ASP vs. CGI 'Active Server Pages (ASP) Technology", E Business Solutions, © 1995-2002, Available online at http://www.prosolutionsinc.com/asp.htm., May 8, 2002, (2 pages).
- 234. Kirby et al., "Developing JDBC Servlet Applications", Dynamic Information Systems Corporation, Available online at http://www.disc.com/jdbcserv.html., May 8, 2002, (12 pages).
- 235. Pasian et al., "A Generalized Mosaic-to-SQL Interface with Extensions to Distributed Archives", Astronomical Data Analysis Software and Systems IV ASP Conference Series, Volume 77, 1995, Available online at http://www.stsci.edu/stsci/meetings/adassIV/pasianf.html., May 7, 2002, (5 pages).
- 236. Ng, Jason, "GSQL a Mosaic-SQL gateway", December 1993, Available online at http://archive.ncsa.uiuc.edu/SDG/People/jason/pub/gsql/starthere.html., May 7, 2002, (16 pages).
- 237. Rasmussen, B. F., "WDB---A Web Interface to Sybase", Astronomical Data Analysis Software and Systems IV ASP Conference Series, Volume 77, 1995, Available online at http://www.stsci.edu/stsci/meetings/addasIV/rasmussenb.html., May 7, 2002, (7 pages).
- 238. Connolly, Daniel W., "Paul Burchard on HTML 2.0 FORMs", July 11, 1994, Available online at http://lists.w3.org/Archives/Public/www http://lists.wa.org/Archives/Public/www http://lists.wa.org/
- 239. Hackborn, Dianne, "Re: Java Applet element proposal", June 8, 1995, Available online at http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg95q2.messages/1228.html., November 1, 2001, (2 pages).
- 240. Kaye, Walter Ian, "Re: Protocol registry? (fwd. Java Applet element proposal)", June 5, 1995, Available online at http://lists.w3.org/Archives/Public/www-html/1995Jun/0069.html, August 14, 2001, (3 pages).
- 241. "The APP HTML Tag", Hot Java, Sun Microsystems, Inc., © 1995, Available online at April 24, 2002, (2 pages).
- 242. Yourdon, Edward, "Java and the new Internet programming paradigm", August 1996, Available online at http://www.javaworld.com/javaworld/jw-08-1996/jw-08 yourdonbook p.html., April 29, 2002, (20 pages).
- 243. Merckling et al., "Smart Card Introduction", March 1994, Available online at http://www.opengroup.org/rfc/mirror-rfc/rfc57.0.txt., March 1, 2001, (16 pages).
- 244. Bellovin et at., "Limitations of the Kerberos Authentication System", USENIX,

- 1991, (16 pages).
- 245. "Guideline for the Use of Advanced Authentication Technology Alternatives", Federal Information Processing Standards Publication 190, September 28, 1994, Available online at http://www.itl.nist.gov/fipspubs/fip190.htm., March 21, 2002, (49 pages).
- 246. "HTML + (Hypertext markup format)", November 8, 1993, Available online at http://www.w3.org/MarkUp/HTMLPlus/htmlplus_2.html., March 28, 2002, (89 pages).
- 247. Everhart, Craig, "Re: Interesting uses of networking", June 11, 1990, Available online at http://www.cs.ucsd.edu/users/bsy/coke.history.txt., September 17, 2002 (4 pages).
- 248. Kotanchik, J., "Kerberos and Two-Factor Authentication", Security Dynamics, March 1994, (11 pages).
- 249. McLaughlin, L. III, ed., "Line Printer Daemon Protocol", Network Printing Working Group, August 1990, Available online at http://www.ietf.org/rfc/rfc1179.txt, September 17, 2002, (14 pages).
- 250. Gutfreund, Yechezkal-Shimon, "Mosaic Accessories", January 26, 1994, Available online at file://C:\WINDOWS/TEMP/WWW-Talk%20Jan Mar%201994%20Mosaic%20Accessories.htm., April 1, 2002, (8 pages).
- 251. Gessler et al., "PDAs as mobile WWW browsers", Date Unknown, Telecooperation Office, University of Karlsruhe, Available online at file://C:\WINDOWS\TEMP\gwpring\PDAs%20as%20mobile%20WWW%20browsers.htm., March 28, 2002, (9 pages).
- 252. Rose, M., "Principles of Operation for the TPC.INT Subdomain: Radio Paging Technical Procedures", Dover Beach Consulting, Inc., January 1994, (6 pages).
- 253. "Workshop on Network and Distributed System Security", Privacy and Security Research Group, February 11-12, 1993, (6 pages).
- 254. Malamud et al., "Principles of Operation for the TPC.INT Subdomain: Remote Printing -- Technical Procedures", Dover Beach Consulting, Inc., October 1993, (11 pages).
- 255. Louis, Tristan, "Java on the Menu: Causing Jitters?," June 1995, Available online at http://www.tnl.net/who/bibliography/javajitters.asp., April 29, 2002, (2 pages).
- 256. Allen, Terry, "Java Applet element proposal," June 1, 1995, Available online at http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-5q2.messages/1119.html. November 16, 2001, (4 pages).

Information Disclosure Statement 1714-0013
Page 19 of 19

It is believed that no fees are due for the consideration of this Information

Disclosure Statement. However, the Commissioner is hereby authorized to charge any
deficiency or to credit any overpayment to Deposit Account No. 13-0014, but not to
include any payment of issue fees.

Respectfully Submitted,

David M. Lockman Attorney for Applicant Registration No. 34,214

February 3, 2004 Maginot, Moore & Bowman Bank One Center Tower 111 Monument Circle, Suite 3000 Indianapolis, Indiana 46204-5115 (317) 638-2922 telephone (317) 638-2139 facsimile

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. I	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	3,66	8,653	06/06/1972	Fair et al.			
-	AB	4,41	0, 962	10/18/1983	Daniels et al.			
	AC	4,43	8,511	03/20/1984	Baran			
	AD	4,57	7,152	03/18/1986	Macovski			
	AE	4,62	0,153	10/28/1986	Hino			
	AF	4,62	5,171	11/25/1986	Sekihara et al.			
	AG	4,62	5,276	11/25/1986	Benton et al.			
	AH	4,70	7,592	11/17/1987	Ware			
	ΑI	4,72	4,521	02/09/1988	Carron et al.			
	AJ	Re 3	32,701	06/21/1988	Moran			
	AK	4,75	5,940	07/05/1988	Brachtl et al.			
				FOREIG	N PATENT DOCUMENT	'S	<u>.</u>	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL	wo	95/16971	22/06/1995	PCT			Yes No
	AM	wo	96/41286	19/12/1996	PCT			Yes No
	AN	wo	97/01137	01/09/1997				Yes No
	AO				·			Yes No
	AP							Yes No
			ОТ	HER (Including A	author, Title, Date, Pertine	nt Pages, etc.)		1
	AQ	1	"Europay M	embers Forum", E	uropay International, May 8,	, 2001, (3 pages).		
AR 1 "NCR 2170 Hospitality Workstation Designed for Bars, Restaura pages).					staurants", AT&T Ne	ews Release, Feb	ruary 2, 1993, (2	
	AS	1 "AT&T to Increase Smart Card Reliability, Expand pages).				y to 8KB", AT&T No	ews Release, Apr	ril 8, 1994, (2
EXAMINER	_1		1.		·	DATEC	CONSIDERED	
EXAMINER:	Initial if d not cor	referenc isidered	e considered, v	whether or not citat of this form with	ion is in conformance with Next communication to Appl	MPEP 609. Draw line		n if not in

		1 age 2 01 00
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P.	ATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	ВА	4,77	4,655	09/27/1988	Kollin et al.				
	BB	4,78	7,035	11/22/1988	Bourne				
	BC	4,79	9,156	01/17/1989	Shavit et al.				
	BD	4,81	5,029	03/21/1989	Barker et al.				
	BE	4,84	7,604	07/11/1989	Doyle et al.				
,	BF	4,88	5,777	12/05/1989	Takaragi et al.				
	BG	4,90	1,223	02/13/1990	Rhyne				
	ВН	4,91	2,303	03/27/1990	Danielson et al.				
	BI	4,92	6,325	05/15/1990	Benton et al.				
	BJ	4,94	2,532	07/17/1990	Mori				
	BK	4,94	2,552	07/17/1990	Merrill et al.				
	<u> </u>	<u> </u>		FOREIG	N PATENT DOCUMENTS		<u> </u>	·	
EXAMINER INITIAL		,	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	BL							Yes No	
	BM							Yes No	
	BN		·					Yes No	
<u> </u>	ВО							Yes No	
	BP		 					Yes No	
			ОТН	ER (Including A	uthor, Title, Date, Pertinent P	Pages etc.)			
	BQ	2	y 		Card Upgrade Kits for Bank AT		vs Release, Nove	mber 17, 1993, (2	
	BR	2	"The Smart C	"The Smart Card Cashes In", The Economist, January 29, 1994, (2 pages).					
	BS	2 "NCR 7450 Terminal Brings ATM-style Interface to Point-of-Sale", AT&T News Release, Octob pages).						per 11, 1993, (4	
EXAMINER	l	ı				DATE (CONSIDERED		
EXAMINER: conformance as	Initial if	referenc	pages).	nether or not citati	TM-style Interface to Point-of-S on is in conformance with MPE ext communication to Applican	DATE (CONSIDERED		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

DOCUMENT NUMBER 4,947,028 4,949,248 4,962,531 4,965,742 4,972,463 5,014,221 5,018,196 5,021,949 5,025,373 5,036,461 5,036,484 DOCUMENT NUMBER	DATE 08/07/1990 08/14/1990 10/09/1990 10/23/1990 11/20/1990 05/07/1991 05/21/1991 06/04/1991 06/18/1991 07/30/1991 McCoy et al. FOREIG	NAME Gorog Caro Sipman et al. Skeirik Danielson et al. Mogul Takaragi et al. Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991 EN PATENT DOCUMENTS COUNTRY	CLASS	SUB-CLASS	FILING DATE		
4,949,248 4,962,531 4,965,742 4,972,463 5,014,221 5,018,196 5,021,949 5,025,373 5,036,461 5,036,484	08/14/1990 10/09/1990 10/23/1990 11/20/1990 05/07/1991 05/21/1991 06/04/1991 06/18/1991 07/30/1991 McCoy et al.	Caro Sipman et al. Skeirik Danielson et al. Mogul Takaragi et al. Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991					
4,962,531 4,965,742 4,972,463 5,014,221 5,018,196 5,021,949 5,025,373 5,036,461 5,036,484	10/09/1990 10/23/1990 11/20/1990 05/07/1991 05/21/1991 06/04/1991 06/18/1991 07/30/1991 McCoy et al.	Sipman et al. Skeirik Danielson et al. Mogul Takaragi et al. Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991					
4,965,742 4,972,463 5,014,221 5,018,196 5,021,949 5,025,373 5,036,461 5,036,484	10/23/1990 11/20/1990 05/07/1991 05/21/1991 06/04/1991 06/18/1991 07/30/1991 McCoy et al.	Skeirik Danielson et al. Mogul Takaragi et al. Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991 EN PATENT DOCUMENTS					
4,972,463 5,014,221 5,018,196 5,021,949 5,025,373 5,036,461 5,036,484 DOCUMENT	11/20/1990 05/07/1991 05/21/1991 06/04/1991 06/18/1991 07/30/1991 McCoy et al.	Danielson et al. Mogul Takaragi et al. Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991					
5,014,221 5,018,196 5,021,949 5,025,373 5,036,461 5,036,484	05/07/1991 05/21/1991 06/04/1991 06/18/1991 07/30/1991 McCoy et al.	Mogul Takaragi et al. Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991					
5,018,196 5,021,949 5,025,373 5,036,461 5,036,484 DOCUMENT	05/21/1991 06/04/1991 06/18/1991 07/30/1991 McCoy et al.	Takaragi et al. Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991 EN PATENT DOCUMENTS					
5,021,949 5,025,373 5,036,461 5,036,484 DOCUMENT	06/04/1991 06/18/1991 07/30/1991 McCoy et al.	Morten et al. Keyser, Jr. et al. Elliot et al. 07/30/1991 N PATENT DOCUMENTS					
5,025,373 5,036,461 5,036,484 DOCUMENT	06/18/1991 07/30/1991 McCoy et al. FOREIG	Keyser, Jr. et al. Elliot et al. 07/30/1991 EN PATENT DOCUMENTS					
5,036,461 5,036,484 DOCUMENT	07/30/1991 McCoy et al. FOREIG	Elliot et al. 07/30/1991 EN PATENT DOCUMENTS					
5,036,484 DOCUMENT	McCoy et al. FOREIG	07/30/1991 EN PATENT DOCUMENTS					
DOCUMENT	FOREIG	EN PATENT DOCUMENTS					
	DATE	COUNTRY	CLASS	T			
		1	CLASS	SUB-CLASS	TRANSLATION		
					Ye		
					No		
					Yes		
					No		
					Yes No		
-					Yes		
					Yes		
					No		
		·· - ·· · · · · · · · · · · · · · · · · ·					
3 "Mastercard	Smart Card Milest	ones", MasterCard Internatio	onal Press Office, Ma	arch 5, 2001, (3 p	ages).		
Svigals, Jeron	Svigals, Jerome, "Microchip Smart Cards Will Save Money", American Banker, February 2, 1994, (1 page).						
Barthel, Matt, "Fears of Crime at ATMs are on the Rise", American Banker, March 30, 1994, (1 page).							
			DATE C	CONSIDERED			
3	"Mastercard Svigals, Jero Barthel, Mat	"Mastercard Smart Card Milest Svigals, Jerome, "Microchip Sr Barthel, Matt, "Fears of Crime	"Mastercard Smart Card Milestones", MasterCard Internation Svigals, Jerome, "Microchip Smart Cards Will Save Money Barthel, Matt, "Fears of Crime at ATMs are on the Rise", A	Svigals, Jerome, "Microchip Smart Cards Will Save Money", American Banker, Barthel, Matt, "Fears of Crime at ATMs are on the Rise", American Banker, Ma	"Mastercard Smart Card Milestones", MasterCard International Press Office, March 5, 2001, (3 p Svigals, Jerome, "Microchip Smart Cards Will Save Money", American Banker, February 2, 199		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P.	ATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	DA	5,04	6,094	09/03/1991	Kawamura et al.				
	DB	5,04	7,923	09/10/1991	Elstner et al.				
	DC	5,08	33,262	01/21/1992	Haff, Jr.				
	DD	5,10	3,478	04/07/1992	Matyas et al.				
	DE	5,11	3,517	05/12/1992	Beard et al.				
	DF	5,11	9,465	06/02/1992	Jack et al.				
	DG	5,14	6,499	09/08/1992	Geffrotin				
	DH	5,14	6,553	09/08/1992	Noguchi et al.				
	DI	5,14	8,481	09/15/1992	Abraham et al.				
	DJ	5,14	9,945	09/22/1992	Johnson et al.				
	DK	5,16	1,222	11/03/1992	Monteio et al.				
		•		FOREIG	N PATENT DOCUMENTS	•	•		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	DL							Yes No	
	DM							Yes No	
	DN							Yes No	
	DO							· Yes	
-	DP							Yes No	
			ОТН	ER (Including A	uthor, Title, Date, Pertinent	Pages, etc.)		<u> </u>	
	DQ	4	"Smart Card I	Forum Publication	List", Smart Card Forum, Man	rch 2, 2001, (7 pag	ges).		
	DR	4	"Appendix: Major Electronic Purse Projects, By Country", Pages 35-50 and 52-64, Date Unknown (29 pages).						
	DS	4	O'Kelly, Robin, "Mondex 'Global Electronic Cash' Wins Helsinki Award", September 8, 1996, (2 pages).						
EXAMINER		1				DATE C	CONSIDERED		
EXAMINER:	Initial if	eferenc	e considered, w	hether or not citati	on is in conformance with MP ext communication to Applica	EP 609. Draw lin	e through citation	n if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

			U.S. I	PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
· · · · · ·	EA	5,179,690	01/12/1993	Ishikawa				
	EB	5,195,130	03/16/1993	Weiss et al.				
	EC	5,202,828	04/13/1993	Vertelney et al.				
	ED	5,204,947	04/20/1993	Bernstein et al.		-		
	EE	5,206,951	04/27/1993	Khoyi et al.		·		
	EF	5,212,369	05/18/1993	Karlisch et al.				
	EG	5,220,501	06/15/1993	Lawlor et al.				
	ЕН	5,220,380 .	06/15/1993	Hirata et al.				
	EI	5,239,662	08/24/1993	Danielson et al.				
	EJ	5,243,284	09/07/1993	Noll				
	EK	5,256,863	10/26/1993	Ferguson et al.				
			FOREIG	N PATENT DOCUMENTS	 S			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	EL ·						Yes No	
	ЕМ						Yes .No	
	EN						Ye:	
	EO						Ye:	
	EP						Yes No	
	. 4	ОТ	HER (Including A	uthor, Title, Date, Pertinen	it Pages, etc.)		l	
	EQ			Electronic Purse", April 200				
	ER	5 "History of Gemplus", Gemplus, March 2, 2001, (3 pages).						
	ES	5 Pauli, Ralf a	nd Koponen, Risto	, "Toward Electronic Money"	", Bank of Finland E	Bulletin, April 199	97, (3 pages).	
EXAMINER					DATE C	DATE CONSIDERED		
•								

conformance and not considered. Include copy of this form with next communication to Applicant.

		1 ago 0 01 00
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
, , , , , , , , , , , , , , , , , , , 	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	TENT DOCUMENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	FA	5,27	2,754	12/21/1993	Boerbert				
	FB	5,27	4,821	12/28/1993	Rouquie				
	FC	5,27	6,312	01/04/1994	McCarthy				
	FD	5,27	7,192	01/11/1994	Cumoulin				
	FE	5,27	8,955	01/11/1994	Forte et al.				
	FF	5,27	8,972	01/11/1994	Baker et al.				
	FG	5,29	4,782	03/15/1994	Kumar				
	FH	5,29	7,249	03/22/1994	Bernstein et al.				
****	FI	5,30	7,411	04/26/1994	Anvret et al.				
	FJ	5,30	7,499	04/26/1994	Yin				
	FK	5,30	9,351	05/03/1994	McCain et al.				
	I			FOREIGN	PATENT DOCUMENTS			. ,	
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	FL			1				Yes No	
	FM							Yes No	
	FN							Yes No	
	FO							Yes No	
	FP							Yes No	
	<u>'</u>		ОТН	ER (Including Au	thor, Title, Date, Pertinent Pa	iges, etc.)			
	FQ	6	"A Frequently 1995, (12 page		List (FAQ) for alt.technology.sr	nartcards", Esto	onian Institute of	Cybernetics, July 4	
	FR	6							
	FS	6		Council of The Eu 1994, (12 pages).	ropean Monetary Institute on P	repaid Cards",	The Working Gro	up on EU Paymen	
EXAMINER		1	<u> </u>			DATE	CONSIDERED		
EXAMINER:	Initial if	referenc	e considered, while the land of the land o	hether or not citation	n is in conformance with MPEl	P 609. Draw lin	ne through citation	ı if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S. P.	ATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	GA	5,32	1,806	06/14/1994	Meinerth et al.				
	GB	5,32	1,808	06/14/1994	Rupp				
	GC	5,34	7,580	09/13/1994	Molva et al.				
	GD	5,34	7,632	09/13/1994	Filepp et al.				
	GE	5,34	9,678	09/20/1994	Morris et al.		-		
	GF	5,35	1,296	09/27/1994	Sullivan				
	GG	5,36	7,572	11/22/1994	Weiss				
	GH	5,36	7,635	11/22/1994	Bauer et al.				
	GI	5,37	3,561	12/13/1994	Haber et al.				
	GJ	5,37	7,191	12/27/1994	Farrell et al.				
	GK	5,37	9,344	01/03/1995	Larsson et al.				
		•		FOREIG	N PATENT DOCUMENTS	 			
EXAMINER INITIAL		1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	GL							Yes No	
	GM							Yes	
	GN				`			Yes No	
	GO							Yes No	
	GP					-		Yes No	
			OTI	IER (Including A	uthor, Title, Date, Pertinent	Pages, etc.)		-	
	GQ	7	Banerjee, Ran pages).	m, "Smart Card Sta	andards and Electronic Purse,	A Review Paper",	Aston University	, May 1997, (20	
	GR	7	Townend, Robin C., "Finance: History, Development & Market Overview", The International Smart Card Indu Guide, 1995-1996, (23 pages).						
	GS	7		eth Marikje, "Case de, 1995-1996, (8 p	Study: The Multi-Functional pages).	Smart Carte Santo	e", The Internatio	nal Smart Card	
EXAMINER		1	<u> </u>			DATE	CONSIDERED		
					on is in conformance with MF ext communication to Applica		ne through citation	n if not in	

		, age of the		
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

				U.S. P	ATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	НА	5,38	36,517	01/31/1995	Sheth et al.			
	НВ	5,39	00,314	02/14/1995	Swanson			
	HC	5,41	8,908	05/23/1995	Keller et al.			
	HD	5,46	51,217	10/24/1995	Claus			
	HE	5,47	75,585	12/12/1995	Bush			
	HF	5,47	75,858	12/12/1995	Gupta et al.			
	HG	5,49	7,487	03/05/1996	Fortier			
	НН	5,49	9,343	03/12/1996	Pettus			
	HI	5,51	0,710	04/23/1996	Nauerth			
	HJ	5,51	1,122	04/23/1996	Atkinson			
	HK	5,51	7,569	05/14/1996	Clark	`		
				FOREIG	N PATENT DOCUMENTS	3	-	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	HL							Yes No
	НМ							Yes No
	HN							Yes No
	НО							Yes No
-	HP		i					Yes No
			ОТН	ER (Including A	uthor, Title, Date, Pertinen	t Pages, etc.)	. · · · · · · · · · · · · · · · · · · ·	····
	HQ	8	Smith, Jack, "	Smart Card Indus	try Review 1995", Smart Car	rd Monthly Newslet	ter, January 1996	, (6 pages).
	HR	8	Crotch-Harve pages).	y, Trevor, "Smart	Cards in Telecoms", The Inte	ernational Smart Ca	ard Industry Guid	e, 1995-1996, (14
	HS	8	Farmer, Donn	a and Tonnac, Re	my de, "What's So Smart Ab	oout Smart Cards", C	Gemplus, October	r 10, 2000, (1 page
EXAMINER		1	1			DATE (CONSIDERED	
EXAMINER: conformance ar	Initial if	reference nsidered	ce considered, w	hether or not citat	ion is in conformance with Market communication to Applic	IPEP 609. Draw lin	ne through citation	ı if not in

		ugo o oi oo		
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

NUN 5,52 5,520 5,530 5,544 5,544 5,544	CUMENT 4BER 1,980 6,037 6,409 0,844 4,320 4,161 4,246 6,582	DATE 05/28/1996 06/11/1996 06/11/1996 06/25/1996 08/06/1996 08/06/1996	NAME Brands Cortjens et al. Conrow et al. Phillips et al. Konrad Bigham et al.	CLASS	SUB-CLASS	FILING DATE
5,526 5,526 5,536 5,544 5,544 5,544	6,037 6,409 0,844 4,320 4,161 4,246	06/11/1996 06/11/1996 06/25/1996 08/06/1996 08/06/1996	Cortjens et al. Conrow et al. Phillips et al. Konrad Bigham et al.			
5,520 5,530 5,544 5,544 5,544	6,409 0,844 4,320 4,161 4,246	06/11/1996 06/25/1996 08/06/1996 08/06/1996	Conrow et al. Phillips et al. Konrad Bigham et al.			
5,530 5,544 5,544 5,544	0,844 4,320 4,161 4,246	06/25/1996 08/06/1996 08/06/1996	Phillips et al. Konrad Bigham et al.			
5,54 ² 5,54 ⁴ 5,54 ⁶	4,320 4,161 4,246	08/06/1996 08/06/1996	Konrad Bigham et al.			
5,544 5,544 5,546	4,161 4,246	08/06/1996	Bigham et al.			
5,54¢	4,246			·····	1	
5,540	·	08/06/1996	}	1		
	6,582		Mandelbaum et al.			
5,548	* -	08/13/1996	Brockmeyer et al.			
	8,721	08/.20/1996	Denslow			
5,550	0,561	08/27/1996	Ziarno			
5,550	0,984	08/27/1996	Gelb			
-		FOREIG	N PATENT DOCUMENTS			
		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
				-		Yes No
	· · · ·					Yes No
						Yes No
						Yes No
						Yes No
L	OTI	IER (Including A	uthor, Title, Date, Pertinent	Pages, etc.)		
9					ge).	
2	"Innovonics, (3 pages).	Inc. Selects AMP	as Manufacturer for the PC Pa	y Module", Innov	onics News Relea	se, May 19, 1995,
9	Levy, Steven	, "E-Money (That	s What I Want)", Wired, Dece	mber, 1994, (2 pa	ges).	
	l	···		DATE (CONSIDERED	
	9 9 9	DOCUMENT NUMBER OTH 9 "P401 Defini 9 "Innovonics, (3 pages). 1 Levy, Steven	FOREIG DOCUMENT DATE DOTHER (Including A 9 "P401 Definition of a pan-Euro 9 "Innovonics, Inc. Selects AMP (3 pages). 9 Levy, Steven, "E-Money (That')	FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY OTHER (Including Author, Title, Date, Pertinent "P401 Definition of a pan-European IC Card", Eurescom, Mai "Innovonics, Inc. Selects AMP as Manufacturer for the PC Pa (3 pages). Levy, Steven, "E-Money (That's What I Want)", Wired, Dece	FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS OTHER (Including Author, Title, Date, Pertinent Pages, etc.) "P401 Definition of a pan-European IC Card", Eurescom, March 5, 2001, (1 pages). "Innovenics, Inc. Selects AMP as Manufacturer for the PC Pay Module", Innov. (3 pages). Levy, Steven, "E-Money (That's What I Want)", Wired, December, 1994, (2 pages).	S,550,984 08/27/1996 Gelb

FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
APPLICANT: Richard H. Wagner	
FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. I	PATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	JA	5,55	52,586	09/03/1996	Kalman				
	JB	5,55	7,203	09/17/1996	Nauerth				
	JC	5,56	53,878	10/08/1996	Blakely et al.				
	JD	5,57	70,465	10/29/1996	Tsakanikas				
	JE	5,57	7,233	11/19/1996	Goettelmann				
	JF	5,58	31,478	12/03/1996	Cruse et al.				
	JG	5,58	1,686	12/03/1996	Koppolu et al.				
	JH	5,58	1,708	12/03/1996	Iijima				
	JI	5,58	3,940	12/10/1996	Vidrascu et al.				
	JJ	5,58	6,036	12/17/1996	Pinstov				
	JK	5,58	6,175	12/17/1996	Hogan et al.				
		-		FOREIG	N PATENT DOCUMENT	rs		 	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATIO
	JL								Ye N
	JM					E)			Ye N
	JN								Ye N
	JO								Ye N
	JP								Ye N
			ОТ	HER (Including A	author, Title, Date, Pertine	ent Pages,	etc.)		
	JQ	10		Lisa, "Banc One (1994 (2 pages).	Gears Up to Go National Wi	ith Its Mic	rochip Sma	rt Cards", Americ	can Banker,
	JR	10		Daniel and Kutler, 0, 1993, (1 page).	Jeffrey, "Convention Goers	See Bank	Future in S	Smart Cards", Am	erican Banker,
	JS	10	Meece, Micl page).	key, "First Data Str	engthens Position in Card P	Processing	", Americar	Banker, Decemb	per 21, 1993, (1
EXAMINER	1.		<u> </u>				DATE C	CONSIDERED	
EXAMINER:	Initial if	referenc	a considered .	whather or not citat	ion is in conformance with	LADED CO.	<u> </u>		:C 1 '-

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P.	ATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
-	KA	5,59	90,038	12/31/1996	Pitroda			
	КВ	5,59	90,181	12/31/1996	Hogan et al.			
	КС	5,59	90,196	12/31/1996	Moreau			1
	KD	5,59	90,197	12/31/1996	Chen et al.			
	KE	5,59	90,199	12/31/1996	Krajewski, Jr. et al.			
	KF	5,59	94,910	01/14/1997	Filepp et al.			
	KG	5,60)2,905	02/11/1997	Mettke			
 	КН	5,60	02,915	02/11/197	Campana et al.			
	KI	5,60	02,918	02/11/1997	Chen et al.			
	KJ	5,60	04,802	02/18/1997	Holloway			
· · · · · · · · · · · · · · · · · · ·	KK	5,60	06,493	02/25/1997	Duscher et al.			
				FOREIGN	N PATENT DOCUMENTS			<u></u>
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	KL							Yes No
	KM							Yes No
	KN							Yes No
	КО							Yes No
	KP							Yes No
			OTH	ER (Including A	uthor, Title, Date, Pertinent Pa	ages, etc.)		
	KQ	11		, "Prepaid Cards, I	Even in Concept Stage, Sparking		g Consumers", A	merican Banker,
	KR	11	Kutler, Jeffrey,	, "Visa Starts Push	h for Smart Card to Replace Cas	sh", American B	anker, March 22,	1994, (2 pages).
	KS	111	"AT&T Introdupages).	uces Enhanced M	fultimedia Interface for ATM Ne	etworks", AT&T	`News Release, N	Лау 4, 1994, (2
EXAMINER			<u></u>			DATE C	CONSIDERED	

FORM PTO-1449	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
INFORMATION DISCLOSURE STATEMENT	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

				U.S. I	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	LA	5,61	3,012	03/18/1997	Hoffman et al.			
	LB	5,61	3,096	03/18/1997	Danknick			
	LC	5,61	5,251	03/25/1997	Hogan et al.			
	LD	5,62	3,547	04/22/1997	Jones et al.			
	LE	5,63	0,101	05/13/1997	Sieffert			
*	LF	5,63	3,919	05/27/1997	Hogan et al.			
	LG	5,63	8,430	06/10/1997	Hogan et al.			
	LH	5,64	0,193	06/17/1997	Wellner			
· · · · · · · · · · · · · · · · · · ·	LI	5,64	2,485	06/24/1997	Deaton et al.			
	LJ	5,64	9,114	07/15/1997	Deaton et al.			
	LK	5,64	9,118	07/15/1997	Carlisle et al.			
, ' '				FOREIG	N PATENT DOCUMENTS		_ !	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	LL							Yes No
	LM							Yes No
	LN							Yes No
	LO							Ye:
	LP							Yes No
			ОТН	IER (Including A	uthor, Title, Date, Pertinent	Pages, etc.)		
	LQ	12	"Trendar and pages).	AT&T Test Conta	actless Smart Cards at Truck S	Stops", AT&T New	s Release, Februa	ary 26, 1993, (3
	LR	12	"NCR Annou pages).	inces 5980 Signatu	re Capture System for Retaile	ers", AT&T News F	Release, Septemb	er 30, 1991, (2
	LS	12	Merckling, R	oger and Anderson	n, Anne, "Smart Card Introduc	ction", March 1994	,(16 pages).	
EXAMINER		Į.				DATE C	CONSIDERED	
EXAMINER: conformance an	Initial if	referenc nsidered	e considered, w	hether or not citat	ion is in conformance with Minext communication to Application	PEP 609. Draw lin	e through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
IN GINNATION DISCLOSSING STATEMENT	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S. P	ATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	MA	5,65	2,876	07/29/1997	Ashe et al.			
	МВ	5,65	5,008	08/05/1997.	Futch et al.			
-	MC	5,66	4,110	09/02/1997	Green et al.			
, _V	MD	5,66	6,412	09/09/1997	Handelman et al.			
	ME	5,66	8,878	09/16/1997	Brands			
	MF	5,67	7,953	10/14/1997	Dolphin			
	MG	5,67	7,955	10/14/1997	Doggett et al.			
-	МН	5,67	8,002	10/14/1997	Fawcett			
	MI	5,67	9,945	10/21/1997	Renner et al.			
· · ·	MJ	5,68	7,322	11/11/1997	Deaton et al.			
	MK	5,68	9,799	11/18/1997	Dougherty et al.			
		•		FOREIG	N PATENT DOCUMENTS	•	-	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	ML							Yes No
	MM							Yes No
	MN							Yes No
	МО							Yes No
	MP							Yes No
			OTI	HER (Including A	uthor, Title, Date, Pertinent	Pages, etc.)	_ L	1
	MQ	13			n, Anne, "DCE Smart Card Int		994, (16 pages).	
	MR	13	"Chapter 2 – pages).	Technology", Sma	art Card Primer, The Schuler C	Consultancy, ©199	3, pages 13-24 an	nd 26-29, (16
	MS	13	"CP8® PRO	DUCTS, PASCAM	1, Network Security Processor	", January 1994, (4	pages).	
EXAMINER		<u> </u>	I			DATE C	CONSIDERED	
EXAMINER: conformance ar	Initial if	referencesidered.	e considered, w Include copy	hether or not citat of this form with r	ion is in conformance with MI ext communication to Applica	PEP 609. Draw lin	e through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				0.5. 1	PATENT DOCUMENTS			1
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
***	NA	5,69	4,471	12/02/1997	Chen et al.			
	NB	5,69	4,546	12/02/1997	Reisman			
	NC	5,69	6,903	12/09/1997	Mahany			
	ND	5,70	3,795	12/30/1997	Mankovitz			
	NE	5,70	6,273	01/06/1998	Guerreri			
	NF	5,70	8,780	01/13/1998	Levergood et al.			
	NG	5,70	8,782	01/13/1998	Larson et al.			
	NH	5,70	8,825	01/13/1998	Sotomayor			
	NI	5,71	0,884	01/20/1998	Dedrick			
	NJ	5,71	5,314	02/03/1998	Payne et al.			
	NK	5,72	2,754	03/03/1998	Langner			
			***	FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	NL	1.0.					<u> </u>	Yes
	NM	_						No
	INIVI							Yes No
	NN							Yes
	NO							Yes No
	NP							Yes No
			ОТ	HER (Including A	uthor, Title, Date, Pertinent	Pages, etc.)		I
	NQ	14	"Notes on O	pen Networks and	Device Addressing", IBM Con	rporation, April 25,	2001, (19 pages)	· · · · ·
· · · · · · · · · · · · · · · · · · ·	NR	14 Chakrabarti, Samdih, Knight, James and Thies, Bill, "A Centralized Smart Card System Utilizing Dis Proxies", 2000, University of Leeds, (16 pages).						Distributed
	NS	14	"Single-Issu	er Multiple Uses",	Smart Card Primer, The Schul	ler Consultancy, ©	1993, (3 pages).	
EXAMINER			<u></u>			DATE C	CONSIDERED	
EXAMINER:	Initial if	referenc	a considered 1		ion is in conformance with M	DED (00 D II		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned					
	APPLICANT: Richard H. Wagner					
	FILED: Herewith	GROUP ART UNIT: To be assigned				

				U.S. I	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	OA	5,72	4,506	03/03/1998	Cleron et al.			
	ОВ	5,72	9,549	03/17/1998	Kostreski et al.			
	OC	5,73	2,219	03/24/1998	Blumer et al.			
	OD	5,73	4,720	03/31/1998	Salganicoff			
	OE	5,74	2,845	04/21/1998	Wagner			
	OF	5,74	2,931	04/21/1998	Spiegelhoff et al.			
	OG	5,74	8,908	05/05/1998	Yu			
	ОН	5,75	4,655	05/19/1998	Hughes et al.			
	OI	5,75	6,978	05/26/1998	Soltesz et al.			
	Ol	5,75	8,257	05/26/1998	Herz et al.			
	ОК	5,77	8,067	07/07/1998	Jones et al.			
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	OL							Yes No
	ОМ							Yes
	ON							Yes No
	00							Yes No
	OP							Yes No
			OT	HER (Including A	Author, Title, Date, Pertinent	Pages, etc.)		
	OQ	<u>15</u>	Sazegar, Hos ©1992, (11 p		of Smart Cards in the Global I	Payphone Business	s", Schlumberger	Technologies,
	OR	15	Derksen, Edi (10 pages).	uard, "Money-Bit:	The Open Off-Host Prepaid C	Card System", Asco	om Autelca, Ltd.,	Date Unknown,
	os	<u>15</u>	Corzo, Gerai	do, "Credisa's Eli	te Card System", Date Unknow	vn, (5 pages).		
EXAMINER	1	<u> </u>				DATE C	CONSIDERED	.
EXAMINER: conformance an	Initial if i d not con	eference sidered.	e considered, v Include copy	whether or not citat of this form with	tion is in conformance with MI next communication to Application	PEP 609. Draw lin	e through citation	ı if not in

·		1 290 10 01 00
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY, DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. I	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	PA	5,78	31,189	07/14/1998	Holleran et al.			
	PB	5,79	9,156	08/25/1998	Hogan et al.			
	PC	5,80	5,719	09/08/1998	Pare, Jr. et al.			
	PD	5,80	5,807	09/08/1998	Hanson et al.			
	PE	5,80	9,415	09/15/1998	Rossmann			
	PF	5,81	5,577	09/29/1998	Clark			
	PG	5,81	5,657	09/29/1998	Williams et al.			
	PH	5,81	9,092	10/06/1998	Ferguson et al.			
	PI	5,82	6,245	10/20/1998	Sandberg-Diment			
	PJ	5,83	8,906	11/17/1998	Doyle et al.			
	PK	5,85	0,442	12/15/1998	Muftic			
		•		FOREIG	N PATENT DOCUMENTS	<u> </u>		
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	PL							Yes No
	PM		, , , , , , , , , , , , , , , , , , , ,					Yes
	PN							Yes
	PO							Yes
	PP		. ,					Yes No
	1	_1	ОТІ	HER (Including A	uthor, Title, Date, Pertinent F	Pages, etc.)		<u>. </u>
	PQ	16			sing the Future of Smart Cards		Unknown, (7 paş	ges).
	PR	<u>16</u>	"NatWest La	unch Mondex Glob	pal Electronic Cash", Smart Car	d News, Ltd., De	ecember 1993, (7	pages).
-	PS	16		Robert J., "Stored ©1995, (8 pages).	Value Cards and The Electronic	c Purse: Develop	oments in the Amo	ericas", Danyl
EXAMINER		<u> </u>	<u> </u>			DATEC	CONSIDERED	
EXAMINER:	Initial if i	eference	e considered, w	hether or not citati	on is in conformance with MPF ext communication to Applicar	EP 609. Draw lin	e through citation	if not in

		rage if 0103
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. F	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	QA	5,85	1,149	12/22/1998	Xidos et al.			
	QB	5,85	4,833	12/29/1998	Hogan et al.			
-	QC	5,86	7,821	02/02/1999	Ballantyne et al.			
	QD	Re.	36,310	09/21/1999	Bjerrum et al.			
_	QE	5,87	0,552	02/09/1999	Dozier et al.			
	QF	5,87	0,724	02/09/1999	Lawlor et al.			
	QG	5,87	3,099	02/16/1999	Hogan et al.			·
	QH	5,88	4,292	03/16/1999	Baker et al.			
	QI	5,88	9,863	03/30/1999	Weber			
	QJ	5,93	1,917	08/03/1999	Nguyen et al.			
· ·	QK	5,93	3,816	08/03/1999	Zeanah et al.			
		•		FOREIG	N PATENT DOCUMENTS	3		•
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	QL		, , , , , , , , , , , , , , , , , , , ,					Yes No
	QM		.'					Yes No
	QN							Ye No
	QO							Ye No
	QP							Ye No
			ОТ	HER (Including A	uthor, Title, Date, Pertinen	t Pages, etc.)	· ·	
	QQ	17	"CP8® Prod	ucts, PinPadLINK,	Readers/Encoders", Dactyl	France, June 1993, (2 pages).	
-	QR	17						
	QS	<u>17</u>	Verschuren,	Ton, "Smart Acces	ss: Strong Authentication on	the Web", April 24,	2001, (10 pages)).
EXAMINER		1	<u> </u>			DATE C	CONSIDERED	
	v				ion is in conformance with M			

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

U.S. PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT DATE NAME **CLASS** SUB-CLASS FILING DATE NUMBER RA 5,953,731 09/14/1999 Glaser RB 5,960,216 09/28/1999 Vishlitzky et al. RC 5,963,205 10/05/1999 Sotomayor RD 5,973,731 10/26/1999 Schwab RE 5,978,569 11/02/1999 Traeger RF 5,978,773 11/02/1999 Hudetz et al. 5,982,891 RG 11/09/1999 Ginter et al. RH 5,983,004 11/09/1999 Shaw et al. RI 5,987,312 11/16/1999 Dekker RJ 5,996,076 11/30/1999 Rowney et al. RK 6,085,224 07/04/2000 Wagner FOREIGN PATENT DOCUMENTS **EXAMINER** DOCUMENT **INITIAL** DATE COUNTRY CLASS **SUB-CLASS TRANSLATION** NUMBER RL Yes No RM Yes No RN Yes No RO Yes No RP Yes No OTHER (Including Author, Title, Date, Pertinent Pages, etc.) RQ "PKCS #11: New Member of Public Key Cyrptography", RSA Data Security, Inc., January 12, 1994, (2 pages). 18 RR <u>18</u> Petri, Steve, "An Introduction to Smarcards", Litronic, Inc., ©1998, (2 pages). RS 18 Violino, Bob, "The Cashless Society", InformationWeek, October 11, 1993, (5 pages). **EXAMINER** DATE CONSIDERED **EXAMINER**: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to Applicant.

		3.000		
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

				U.S. P	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	SA	6,11	2,191	08/29/2000	Burke			
	SB	6,17	5,922 B1	01/16/2001	Wang			
=	SC	6,18	2,052	01/30/2001	Fulton et al.			
	SD	6,20	5,437	03/20/2001	Gifford			
	SE	6,20	8,904	03/27/2001	Mullen, Jr.			
-	SF	6,21	2,575 B1	04/03/2001	Cleron et al.			
	SG	6,22	6,744 B1	05/01/2001	Murphy et al.			
•	SH	6,22	6,752 B1	05/01/2001	Gupta et al.			
	SI	6,25	3,027 B1	06/26/2001	Weber et al.			
	SJ	6,27	5,869	08/14/2001	Sieffert et al.			
	SK	6,27	9,112 B1	08/21/2001	O'Toole, Jr., et al.			
			•	FOREIG	N PATENT DOCUMENTS	3		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	SL							Yes No
	SM							Yes No
	SN							Yes No
	so		_					Yes No
	SP							Yes No
		!	ОТ	HER (Including A	uthor, Title, Date, Pertinen	t Pages, etc.)	<u>.1 </u>	<u> </u>
	SQ	19	1 ~ .	Robert J., 'Keyno ©1995, (4 pages).	te Presentation for the AIC C	onference, Aucklan	d, New Zealand',	Danyl
	SR	"Videoway's Experience Shows a New Approach to the Interactive Opportunity", Inside Cable and T Services, June 1995, (3 pages).					nd Telecom	
	SS	19	Bull CP8® 1	News, Products and	1 Technologies, No. 22, Octol	per 1994, (2 pages).		
EXAMINER			1			DATE (CONSIDERED	
EXAMINER: conformance ar	Initial if	referenc	e considered, v	whether or not citat	ion is in conformance with M	IPEP 609. Draw lin	e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
THE STATE OF THE S	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S. I	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	TA	6,28	2,656 B1	08/28/2001	Wang			
	ТВ	6,28	3,375	09/04/2001	Wilz, Sr. et al.			
	TC	6,47	0,326 B1	10/22/2002	Drummond et al.			
	TD	6,50	5,177 B1	01/07/2003	Drummond et al.			
	TE	6,53	9,361 B1	03/25/2003	Richards et al.			
	TF							
	TG							!
	TH							
	TI							-
	TJ							
	TK							
				FOREIC	N PATENT DOCUMENTS			•
EXAMINER INITIAL		- 1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	TL							Yes No
	TM							Yes No
	TN							Yes No
	TO						1	Yes No
	TP							Yes No
		- 1	ОТ	HER (Including A	Author, Title, Date, Pertinent	t Pages, etc.)		
	TQ	20	Bull CP8®	Systems Product S	neet, September 1994, (2 page	s).		
	TR	20	"One Store"	s Comprehensive L	oyalty Program - The Takash	imaya Experience'	', Verifone, Inc., (©1994, (4 pages).
··	TS	<u>20</u>	20 "Mondex Payments Scheme", Smart Card News Ltd., December 1993, (2 pages).					<u>.</u> .
EXAMINER						DATE (CONSIDERED	
				whether or not cita				

		1 age 21 61 65			
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	UA							
	UB							
	UC							
	UD							
	UE							
	UF							
	UG							
	UH							
	UI							
	UJ							
	UK							
				FORE	IGN PATENT DOCUMENT	rs		
EXAMINER NITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	UL	_						Yes No
	UM						-	Yes No
•	UN							Yes No
	UO							Yes No
	UP							Yes No
	•	•	ОТ	HER (Including	Author, Title, Date, Pertine	ent Pages, etc.)	_ <u>.</u>	<u> </u>
	UQ	221	"Why Cons	umers Are Still C	arrying Cash Everywhere", P	hiladelphia Inquirer, J	June 11, 1995, (2	pages).
	UR	221	"Electronic Payment System Architecture for Point of Sale Application", IBM Technical Disclosure Bulletin, January 1992, (1 page).					ure Bulletin,
	US	221	"Portable Se	elf Checkout Reta	il System", IBM Technical D	risclosure Bulletin, Ju	ne 1992, (3 pages	3).
EXAMINER	.1	1	<u> </u>			DATE C	CONSIDERED	
EXAMINER:	Initial if	reference	e considered.	whether or not ci	tation is in conformance with	MPEP 600 Draw lin	a through citation	a if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned	
IN STANISH DISSESSED OVITEMENT	APPLICANT: Richard H. Wagner		
	FILED: Herewith	GROUP ART UNIT: To be assigned	

				U.S	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	VA							
	VB							,
" <u>-</u>	VC							
··-	VD							
	VE							
	VF							
	VG							
	VH							
 	VI							
	VJ							
	VK							
				FORE	GN PATENT DOCUMEN	TS		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	VL							Yes No
	VM							Yes No
	VN		-					Yes No
	vo							Yes No
	VP							Yes No
			OT	HER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		
	VQ	22	"Transaction pages).	Completion Co	de Based on Digital Signature	es", IBM Technical Di	sclosure Bulletin	, August 1985, (6
	VR	22	"Chapter 4 – Uses", Smart Card Primer, The Schuler Consultancy, ©1993, pages 57-66, 80-83, and 87-91, (19 pages).					nd 87-91, (19
	VS	22	Figure 8.5 fr	om page 151 of	Zoreda & Oton "Smart Cards	", Artech House, ©19	94, (1 page).	
EXAMINER	1	<u> </u>	1			DATE C	CONSIDERED	
EXAMINER: conformance an	Initial if	referenc nsidered.	e considered, v Include copy	whether or not cit of this form with	ration is in conformance with h next communication to App	MPEP 609. Draw lin blicant.	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S. PA	ATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WA							
	WB							
	WC							
	WD							
	WE							
	WF							
	WG							
	WH							
	WI							
	WJ							
	WK							
				FOREIGN	N PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	WL							Yes No
	WM							Yes No
	WN							Yes No
	wo			-				Yes No
	WP							Yes No
			ОТН	I ER (Including Au		ges, etc.)	<u>.</u>	1
	WQ	23	· · · · · · · · · · · · · · · · · · ·		", Date Unknown, (1 page).			
	WR	23		Bibliography for "CITM Working Paper WP-95-1005: Designing Electronic Catalogs for Business Value: R from the CommerceNet Pilot", Date Unknown, (3 pages).				
	ws	23	Van Hove, Le	o, Bibliography or	n Electronic Purses, Date Unknov	vn, (4 pages).		
EXAMINER	•	•				DATE	CONSIDERED	
EXAMINER:	Initial if	referenc	e considered, wh	ether or not citation	on is in conformance with MPEP	609. Draw lin	e through citation	if not in

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

,				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	XA		- ~					
	ХВ							
	XC							
	XD							
	XE							
	XF							
	XG							
	XH							
	XI							
	XJ							
	XK							
		•		FORE	IGN PATENT DOCUMENT	TS .	•	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	XL		•					Yes No
	XM							Yes No
	XN							Yes No
	хо							Yes No
	XP							Yes No
			OT	 HFR (Including	Author, Title, Date, Pertine	ant Pages etc.)		1 140
	XQ	24		y for "CITM Wo	rking Paper WP-95-1006: Fir		Internet: A Case	Study", Date
	XR	24			L., Davies, Donald W., and Preations", Oxford; Boston: BSP	· · · · · · · · · · · · · · · · · · ·		Tags, and Tokens:
	xs	24	Bibliograph	y for Devargas, I	M., "Smart Cards and Memory	Cards", Oxford; Blad	ckwell NCC, ©1	992, (1 page).
EXAMINER	<u> </u>		<u> </u>			DATE C	CONSIDERED	
					tation is in conformance with h next communication to App		e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
IN ONWATION DISSESSORE STATEMENT	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	YA							
	YB							
	YC							
	YD							
	YE							
<u></u>	YF							
	YG							
	YH							
	YI							
	YJ						-	
	YK	Î						
				FORE	IGN PATENT DOCUMENT	ΓS		•
EXAMINER INITIAL		1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	YL							Yes No
	YM							Yes No
	YN							Yes No
	YO							Yes No
	YP							Yes No
	· · · · · · · · · · · · · · · · · · ·	·•	ОТ	HER (Including	Author, Title, Date, Pertine	ent Pages, etc.)	1	
	YQ	<u>25</u>		y for Svigals, Jer Publishers, ©198	ome, "Smart Cards: The New 7, (1 page).	v Bank Cards", New Y	York: Macmillan;	London: Collier
	YR	25		Bibliography for Bright, Roy, "Smart Cards: Principles, Practice, Applications", Chichester [England]: Horwood; New York: Halsted Press, ©1988, (1 page).				
	YS	25			ome, "Smart Cards: The Ulti lier Macmillan, ©1985, (1 pa		iter", New York:	Macmillan
EXAMINER			· L		. <u> </u>	DATE (CONSIDERED	
EXAMINER:	Initial if	referenc	e considered,	whether or not cit	tation is in conformance with h next communication to App	MPEP 609. Draw lin	ne through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	TENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	ZA			 				
	ZB							
	ZC		···					
	ZD		· · · · · · · · · · · · · · · · · · ·		7	-		
	ZE							
	ZF							
	ZG							
	ZH							
	ZI							
	ZJ							
	ZK							
				FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	ZL					 -		Yes No
	ZM							Yes No
	ZN							Yes No
	ZO							Yes No
	ZP							Yes No
			ОТН	ER (Including Au	thor, Title, Date, Pertinent Pag	es, etc.)		· · · · · ·
	ZQ	<u>26</u>	Bibliography the Inspector (for "Applications o General, [1990], (1	f Computer Card Technology", V page).	Vashington, D	.C., U.S. Dept. of	Labor, Office of
	ZR	<u>26</u>	German article Bankenanwen	e entitled "Erfahrun dungen" Date Unki	ngen Mit Einer Hochsicheren, Mu nown, (21 pages).	ltifunktionale	n Chipkarte fur	
	ZS	<u>26</u>	Document ent	itled: "Dialog Searc	ch for U.S. Patent Number 5,905,	908", Date Ur	nknown", (59 pag	es).
EXAMINER	•		•			DATE C	CONSIDERED	
EXAMINER: In conformance and	nitial if re	eference sidered.	e considered, wh Include copy o	ether or not citatio f this form with ne	n is in conformance with MPEP of the communication to Applicant.	609. Draw lin	e through citation	if not in

		1 ugo 27 0100
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	<u> </u>
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAA	-						
	AAB	_			·			
	AAC							
	AAD							
	AAE							
	AAF							
	AAG							
	AAH							
	AAI							
	AAJ							
	AAK							
				FORE	IGN PATENT DOCUMEN	TS		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAL							Yes No
	AAM							Yes No
	AAN							Yes No
	AAO							Yes No
	AAP		· <u></u>					Yes No
			OT	t HER (Including	Author, Title, Date, Pertin	nent Pages, etc.)	<u> </u>	<u> </u>
	AAQ	<u>27</u>	UBI Consort	tium Inc. Docum	nent, March 26, 2001 (2 page	s).		
	AAR	27	HTML file e	entitled: "The Co	mmon Gateway Interface", a	ıvailable at httpd@ncsa	.uiuc.edu, circa,	June 1995.
	AAS	<u>27</u>	HTML file e	entitled: "Critiqu	e of Secure-HTTP", available	e at shttp://www.spygla	ass.com/secure, A	april 19, 1995.
EXAMINER		1				DATE C	CONSIDERED	
EXAMINER: conformance an	Initial if r	eference sidered	e considered, v	whether or not ci	tation is in conformance with h next communication to Ap	n MPEP 609. Draw lin plicant.	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P	PATENT DOCUMENTS	-		
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BBA	1					-	
	BBB		· · · · · · · · · · · · · · · · · · ·					
	BBC							
	BBD							
	BBE							
	BBF							
	BBG							
	ВВН							
	BBI							
	BBJ			-				
	BBK							
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BBL							Yes No
	BBM							Yes No
	BBN							Yes No
	BBO							Yes No
	BBP							Yes No
			ОТН	ER (Including A	uthor, Title, Date, Pertinent P	ages, etc.)	·	
	BBQ	28		bstracts of HTMI ca, June 1995.	files available from IEFT Secr	etariat - Corporat	ion for National	Research
,	BBR	28			er's Guide to HTML" available du; circa, June 1995.	from National Ce	nter for Supercor	mputing
	BBS	28	Memo entitle Force; Decem		urce Locators (URL)", by URI v	working group of	the Internet Engi	neering Task
EXAMINER	•	1				DATEC	CONSIDERED	-
EXAMINER: conformance an	Initial if r	eferenc sidered	ce considered, w	hether or not citat	ion is in conformance with MPE next communication to Applican	EP 609. Draw lin	e through citation	ı if not in

FORM PTO-1449	
INFORMATION DISCLOSURE STATEMENT	

ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
APPLICANT: Richard H. Wagner	
FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	CCA							
	ССВ	1						
	CCC							
	CCD							
	CCE							
	CCF							-
	CCG							
	ССН							
	CCI							
-	CCJ						<u> </u>	
	CCK							
-	•			FORE	GN PATENT DOCUMEN	ITS	<u></u> -	<u> </u>
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	CCL							Yes No
	ССМ							Yes No
-	CCN							Yes No
	CCO							Yes No
	CCP							Yes No
	•		ОТ	HER (Including	Author, Title, Date, Pertin	nent Pages, etc.)		1
	CCQ	<u>29</u>			one to acquire Enterprise Integene, Inc. and Enterprise Integ			
	CCR	<u>29</u>			; Spyglass, Inc. h	ttp://spyglass.com;		
	CCS	<u>29</u>	Memo entitl	ed: "The Secure	Hypertext Transfer Protocol	"; E. Rescorla and A. S	Schiffman; July 19	995.
EXAMINER		<u> </u>				DATE (CONSIDERED	
EXAMINER:	Initial if re	eferenc	e considered,	whether or not cit	tation is in conformance with	n MPEP 609. Draw lin	e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

	· ·			U.S.	PATENT DOCUMENTS		, :	
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	DDA							
	DDB	1						
	DDC							
	DDD							
	DDE							
	DDF							
	DDG							
	DDH							
	DDI							
	DDJ							
<u> </u>	DDK							
				FOREI	GN PATENT DOCUMEN	TS		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	DDL							Ye.
	DDM							Yes No
	DDN							Yes No
	DDO							Ye.
	DDP		1 16					Ye.
			OT	HER (Including	Author, Title, Date, Pertin	ent Pages, etc.)	<u> </u>	
	DDQ	<u>30</u>	Article entit	ed: "Cash on the	Wirehead", Andrew Singlet	on, BYTE Magazine, J	lune 1995.	
<u>.</u>	DDR	30	"Beyond the	Web: Excavatin	g the Real World Via Mosaid	c", Goldberg et al., 2nd	I International W	WW Conference.
	DDS	<u>30</u>	"Magnetic R	esonance Angio	graphy", Radiology 1986; 16	51, p. 717-720, Dumou	lin et al.	
EXAMINER						DATE C	CONSIDERED	
EXAMINER:	Initial if re	eference	e considered, v	whether or not cit	tation is in conformance with	MPEP 609. Draw lin	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P.	ATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	EEA							
	EEB						-	
	EEC			1			_	
	EED							
	EEE							
	EEF							
	EEG							
	EEH							
	EEI							
	EEJ							
	EEK						<u> </u>	
		<u> </u>	<u></u>	FOREIG	N PATENT DOCUMENTS			T
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	EEL							Yes No
	EEM							Yes No
	EEN							Yes No
	EEO							Yes No
	EEP		-					Yes No
			ОТН	ER (Including A	uthor, Title, Date, Pertinent P	ages, etc.)		<u></u>
	EEQ	31			g in Dynamic NMR Microscopy	_	26-352, 1991, Ca	llaghan et al.
	EER	31	"Reduced Cir	cular Field-of-Vie	w Imaging", MRM 40:474-480,	1998, Scheffler	et al.	
	EES	31	"Measuremen al.	t of Flow Using B	ack Projection Reconstruction:	Display of Limit	ted Regions of the	e Body", Young et
EXAMINER	•					DATE	CONSIDERED	
EXAMINER: conformance an	Initial if r	eferenc sidered	e considered, w Include copy of	hether or not citati of this form with n	on is in conformance with MPE ext communication to Applicant	P 609. Draw lir	ne through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY, DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL		l l	CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	FFA							~
	FFB							
	FFC							
	FFD							
	FFE							
-	FFF							
	FFG		··					
	FFH							
	FFI	1						
	FFJ							
	FFK							
				FORE	IGN PATENT DOCUMEN	TS		
EXAMINER INITIAL		1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	FFL							Yes No
	FFM							Yes No
	FFN							Yes No
	FFO							Yes No
	FFP							Yes No
			ТО	HER (Including	g Author, Title, Date, Pertir	ent Pages, etc.)	. <u> </u>	L
	FFQ	32	1		ased Device Input and Upload 0706, Cisco Systems, © 1999		-	3.org/1999/07
	FFR	32	1	ed: "Form-based November 1995	File Upload in HTML", E. N 5 (12 pages).	Nebel and L. Masinter,	Network Workin	g Group of Xerox
	FFS	32	1	entitled: "HTML 1, 1995 (4 pages	3.0 Draft (Expired!) Materia	ls", available at http://	www.w3.org/Mai	kUp/html3,
EXAMINER		<u></u>				DATE (CONSIDERED	
EXAMINER:	Initial if r	eferenc	e considered, v	whether or not ci	tation is in conformance with h next communication to Ap	MPEP 609. Draw lin	e through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S. PA	TENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	GGA		• • • • • • • • • • • • • • • • • • • •					
	GGB					1		
	GGC							
	GGD							
	GGE							
	GGF							
	GGG		"					
	GGH							
	GGI							
	GGJ							
٠.	GGK							
				FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	GGL							Yes No
	GGM							Yes No
	GGN							Yes No
	GGO							Yes No
	GGP							Yes No
			ОТН	ER (Including Aut	thor, Title, Date, Pertinent Page	s, etc.)	-	
	GGQ	33			, HTML file entitled: "HyperText larkUp/html-spec., November 199			ion2.0", available
	GGR	33	Raggett, David		ed: "A Review of the HTML + Do	ocument Form	nat", Hewlett Pac	kard Laboratories,
	GGS	33	I .		ed: "10-Fill-out Forms and Input lovember 8, 1993 (5 pages).	Fields", availa	ble at http://wwv	v.w3.org/MarkUp
EXAMINER	1.		1			DATE C	ONSIDERED	
EXAMINER: I conformance and	nitial if re	eference sidered.	considered, wh Include copy o	ether or not citation f this form with ne	n is in conformance with MPEP 6 kt communication to Applicant.	09. Draw line	e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

			, ,	U.S. P.	ATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	ННА							
	ННВ							
	ННС		_					
	HHD							
	HHE							
	HHF							
	HHG							
	ннн				·			
	ННІ							
	ННЈ							
	ннк							
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	HHL							Yes No
	ННМ							Yes No
	HHN						_	Yes No
_	ННО							Yes No
	ННР							Yes No
		1	ОТН	ER (Including A	uthor, Title, Date, Pertinent Pag	ges, etc.)		
	ННО	34		d, HTML File ent April 5, 1994 (17	itled: "ISO 8879:1986", available pages).	at http://www.	w3.org/MarkUp/	htmlplus_paper
	HHR	34	Riordan, T., "a pages).	A Toll Collector of	on the Information Highway", The	New York Tin	nes, Sunday, Aug	ust 22, 1993, (3
	ннѕ	34	Burchard et al	., "Compount Doo	cuments in HTML", Internet Draft	t Memo, Date	Unknown, (14 pa	ges).
EXAMINER	. 4	.				DATE (CONSIDERED	······································
EXAMINER: I conformance and	nitial if re	eferenc sidered	e considered, wh Include copy o	nether or not citati	on is in conformance with MPEP ext communication to Applicant.	609. Draw lir	ne through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

		-		U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME:	CLASS	SUB-CLASS	FILING DATE
	IIA		,	,				
	IIB		 :					
	IIC							
	IID							
	IIE							
	IIF							
	IIG							
	IIH							
	III							
	IIJ							
_	IIK							
				FORE	IGN PATENT DOCUMENT	ГS		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	IIL							Yes No
	IIM							Yes
	IIN							Yes No
	IIO							Yes No
	IIP							Yes No
	_		ОТ	HER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		
	IIQ	<u>35</u>	Press Releas 1995, (3 pag	se, "Netscape Int	roduces Netscape Navigator 2	.0", Netscape Compar	ny Press Relation	s, September 18,
	IIR	35	Stabell, B.,	The EMBED To	ng by Netscape (v2.0), Septen	nber 19, 1995, (9 page	s).	
	IIS	35			Microsoft for Infringement of ets" Possible", Chicago, Illino			Technology That
EXAMINER	_L		<u> </u>			DATE C	ONSIDERED	·
EXAMINER:	Initial if	referenc	e considered,	whether or not ci	tation is in conformance with h next communication to App	MPEP 609. Draw line	e through citation	if not in

ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
APPLICANT: Richard H. Wagner	
FILED: Herewith	GROUP ART UNIT: To be assigned
	APPLICANT: Richard H. Wagner

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	JJA			2				
	JJB							
	JJC				```			
	JJD							
	JJE							
	JJF							
	IJG							
	JHI							
	JJH							-
	JJJ							
	JJK							
	•	<u> </u>		FORE	IGN PATENT DOCUMENT	rs		·
EXAMINER INITIAL		4	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	JJL							Yes No
	JJM							Yes No
	JJN							Yes
	ΊΟ							Yes No
	JJP							Yes No
			OT	HER (Including	Author, Title, Date, Perting	ent Pages, etc.)		I
	IJQ	36	т		Basics", Date Unknown, (12 p.			,
	JJR	36	Ang et al., "Integrated Control of Distributed Volume Visualization Through the World-Wide-Web", Octobe 2001, (8 pages).					
	JJS	36		r., et al., "Applion er 1994, (15 page	cability of Smart Cards to Net	work User Authentica	tion", Computing	Systems, Vol. 7,
EXAMINER	1,	1	<u> </u>			DATE C	CONSIDERED	
EXAMINER: conformance ar	Initial if	referenc isidered	e considered, v Include copy	whether or not ci of this form wit	tation is in conformance with h next communication to App	MPEP 609. Draw lin blicant.	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S.	. PATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	KKA								
	ККВ	<u> </u>						-	
	KKC		***						
	KKD								
	KKE					-			
	KKF								
	KKG								
	KKH						<u> </u>		
-	KKI								
	KKJ								
	KKK								
				FOREI	GN PATENT DOCUMEN	NTS	·· *		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	KKL							Yes No	
	KKM							Yes No	
	KKN							Yes No	
	KKO		· · · · · · · · · · · · · · · · · · ·					Yes No	
	KKP							Yes No	
			OT	HER (Including	Author, Title, Date, Perti	nent Pages, etc.)		<u></u>	
	KKQ								
	KKR	37	Kohl et al., "The Evoluation of Kerberos Authentication Service", Date Unknown, (15 pages).						
	KKS	<u>37</u>	Cordonnier	et al., "Time as a	n Aid to Improving Security	in Smart Cards", Date	Unknown, (14 pa	ages).	
EXAMINER	1					DATE C	CONSIDERED		
EXAMINER: conformance an	Initial if red	eference sidered	e considered, v	whether or not cit	ration is in conformance with next communication to Ap	h MPEP 609. Draw lin	e through citation	n if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

	UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	-					
				ı		
			1			
						-
•		FOREI	GN PATENT DOCUMENT	ΓS		<u> </u>
1		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						Yes No
1						Yes No
						Yes No
						Yes No
		,				Yes No
	OT	HER (Including	Author, Title, Date, Pertin	ent Pages, etc.)	1	L
38				curity Model for Identi	fication Manager	nent in Smart
38	Haykin et al., "Computer Science and Technology – Smart Card Technology: New Methods for Computer A Control", U.S. Department of Commerce, National Technical Information Service, September 1998, (55 page					
38	Rescorla et a	I., "The Secure I	HyperText Transfer Protocol'	', Internet Draft Memo	o, December 1994	l, (29 pages).
				DATE C	CONSIDERED	
	38 38 38	DOCUMENT NUMBER OTI 38 Cordonnier e Cards", Date 38 Haykin et al. Control", U.3 38 Rescorla et a	OTHER (Including 38	Treference considered, whether or not citation is in conformance with	THER (Including Author, Title, Date, Pertinent Pages, etc.) OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Cordonnier et al., "The Concept of Suspicion: A New Security Model for Identicards", Date Unknown, (14 pages). Haykin et al., "Computer Science and Technology – Smart Card Technology: No Control", U.S. Department of Commerce, National Technical Information Services and Security Memory (1888). Rescorla et al., "The Secure HyperText Transfer Protocol", Internet Draft Memory (1888).	The Country Class Sub-Class Sub-Clas

ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
APPLICANT: Richard H. Wagner	
FILED: Herewith	GROUP ART UNIT: To be assigned
	APPLICANT: Richard H. Wagner

		1	U.S	5. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMEN NUMBER	T DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	MMA					 			
	ММВ								
	ММС								
	MMD					=			
	ММЕ								
	MMF								
	MMG								
	ММН								
	MMI								
	MMJ								
	MMK								
			FORE	IGN PATENT DOCUMEN	ITS				
EXAMINER INITIAL		DOCUMEN NUMBER	T DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	MML						Yes No		
	MMM				-		Yes No		
	MMN						Yes No		
	ММО						Yes No		
	MMP				-		Yes No		
		<u> </u>	OTHER (Including	g Author, Title, Date, Pertin	nent Pages, etc.)		1		
	MMQ			ation System and Credit Syst 5, September 1985, (5 pages).		IARS-301 of JNR	X", Japanese		
· · ·	MMR		Pongratz et al., "IC Cards in Videotex Systems", Smart Card 2000: The Future of IC Cards", Internatio Conference, October 19-20, 1987, (9 pages).						
	MMS			syment, and Privacy for Netw lo. 8, October 1995, (8 pages)		Journal on Selec	cted Areas in		
						CONSIDERED			

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S.	. PATENT DOCUMENTS	}			
EXAMINER INITIAL			CUMENT 1BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	NNA								
	NNB						-		
	NNC								
	NND								
	NNE								
	NNF	1							
	NNG								
	NNH								
	NNI	Ì							
	NNJ							_	
	NNK								
				FOREI	GN PATENT DOCUMEN	NTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	NNL		·					Yes No	
	NNM							Yes No	
	NNN							Yes No	
	NNO		_					Yes No	
	NNP							Yes No	
	<u> </u>		ОТ	HER (Including	Author, Title, Date, Perti	nent Pages, etc.)	· · · · · · · · · · · · · · · · · · ·	•	
	NNQ	<u>40</u>	Zilles, S.N., 1983, (3 pag	"Catalog-Based es).	Order Entry System", IBM	Technical Disclosure B	ulletin, Vol. 25, 1	No. 11B, April	
	NNR	<u>40</u>		Article entitled, "PKCS #11: New Member of Public Key Cryptography", available online at http://www.rsasecurity.com/news/pr/940112-1.html , January 12, 1994, (12 pages).					
	NNS	<u>40</u>	Kessler, J., "The French Minitel: Is There Life Outside of the 'US ASCII' Internet? A Challenge of Cor D-Lib Magazine, December 1995, (10 pages).						
EXAMINER		I	<u> </u>			DATE C	CONSIDERED		
EXAMINER:	Initial if re	eference	considered, v	whether or not cit	tation is in conformance with next communication to Ap	h MPEP 609. Draw lin	e through citation	if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	OOA						,	
	ООВ		· · · · · · · ·	<u> </u>	-		<u> </u>	
	ooc							
	OOD							
	OOE	İ	_					
	OOF						·	
	OOG		·					
	ООН							
	001							
	OOl						1	
**	оок							
				FOREI	GN PATENT DOCUMEN	TS	<u> </u>	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	OOL							Yes No
	ООМ							Yes No
	OON			-				Yes No
	000							Yes No
	OOP	_	- · ·					Yes No
		-	ОТІ	IER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		
	OOQ	41	Schöter et al. (60 pages).	, "Digital Money	y Online, A Review of Some	Existing Technologie	s", Intertrader Ltd	d., ©February 1997
	OOR	41	Sutherland, E., "The Quickening Pace of Technology", ©1995, (3 pages).					
	oos	41	Article entitle Unknown, (9		Internet Commerce System	Optimized for Networ	k Delivered Serv	ices", Date
EXAMINER		I .	1			DATE C	CONSIDERED	
EXAMINER: conformance an	Initial if re	eference sidered.	considered, w Include copy	hether or not cit of this form with	ation is in conformance with next communication to Ap	MPEP 609. Draw lin plicant.	e through citation	ı if not in

ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
APPLICANT: Richard H. Wagner	
FILED: Herewith	GROUP ART UNIT: To be assigned
	APPLICANT: Richard H. Wagner

EXAMINER INITIAL								
			UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	PPA							
	PPB							
	PPC							
	PPD							
	PPE							
-	PPF							
	PPG						-	
	PPH							
	PPI		· 				-	
	PPJ			-				
	PPK							
			<u> </u>	FOREI	GN PATENT DOCUMEN	TS		
EXAMINER INITIAL			UMENT 1BER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	PPL							Yes No
	PPM							Yes No
	PPN							Yes No
	PPO							Yes No
	PPP							Yes No
			OTH	IER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		
-	PPQ	42		al., expanded b	ibliography for "Papers Desi		of Electronic Con	nmerce Protocols",
	PPR	<u>42</u>	Article entitle	ed "ISO/IEC 78"	6 Part 4: Interindustry Com	mand for Interchange'	", November 26,	1998, (77 pages).
	PPS	42	1991 Stateme 1992, (38 pag		IST, available online at http:	//csrc.nist.gov/publica	tions/nistbul/cs19	11-02.txt, June 17,
EXAMINER	1	<u>. </u>				DATE	CONSIDERED	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assign				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	QQA							
	QQB							· ·
	QQC							
	QQD	1						
	QQE							
· · · · · · · · · · · · · · · · · · ·	QQF		-					-
	QQG							
	QQH		······································					
	QQI							
	QQJ							
	QQK							
	· <u> </u>	-		FORE	IGN PATENT DOCUMENT	rs		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	QQL							Yes No
	QQM							Yes No
	QQN							Yes No
	QQO							Yes No
	QQP							Yes No
	_		ОТ	HER (Including	Author, Title, Date, Pertine	ent Pages, etc.)		
	QQQ	43	Kirkman, P. ©1987, (14		nds Transfer Systems: The Re	volution in Cashless	Banking and Payı	ment Methods",
	QQR	43	Fancher, C., "Smart Cards: As Potential Applications Grow, Computers in the Wallet are Making Unobta Inroads", <i>Scientific American</i> , Date Unknown, (10 pages).					
	QQS	43	Walsh, E., "	Smart Card Stand	dards", Datapro Information S	Services, August 25, 2	000, (10 pages).	
EXAMINER	1	<u> </u>	L			DATE O	CONSIDERED	

ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
APPLICANT: Richard H. Wagner				
FILED: Herewith	GROUP ART UNIT: To be assigned			
	_			

				U.S	. PATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	RRA	1							
	RRB	1							
	RRC								
	RRD	1						·	
	RRE		***			-			
	RRF								
	RRG								
	RRH								
	RRI								
	RRJ								
	RRK								
				FORE	IGN PATENT DOCUMEN	ITS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	RRL							Yes No	
	RRM							Yes No	
	RRN			-				Yes No	
	RRO							Yes No	
	RRP							Yes No	
· · · · · · · · · · · · · · · · · · ·		\	OT	HER (Including	Author, Title, Date, Pertir	nent Pages, etc.)	<u> </u>	I	
	RRQ	44	Article entitl	ed "The Birth of	f Smart Cards: 1980", Le Co	ourier de la Monétique,	Date Unknown,	(2 pages).	
	RRR	44	Article entitled "The Birth of Smart Cards: 1981", Le Courier de la Monétique, Date Unknown, (3 pages).						
	RRS	44	Article entitl	ed "The Birth of	f Smart Cards: 1982", Le Co	ourier de la Monétique,	Date Unknown,	(2 pages).	
EXAMINER			_ l			DATEC	CONSIDERED		
EXAMINER: conformance an	Initial if r	eference sidered	ce considered, v	whether or not ci of this form wit	tation is in conformance with h next communication to Ap	n MPEP 609. Draw lin plicant.	e through citation	if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	SSA							
	SSB	†			· · ·			
	SSC							
	SSD							
	SSE							
	SSF		,					
	SSG							
	SSH							
	SSSI							
	SSJ							
	SSK							
		<u> </u>		FOREI	IGN PATENT DOCUMEN	TS		
EXAMINER INITIAL	-	1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	SSL							Yes No
	SSM							Yes No
	SSN							Yes
·	SSO	-						Ye:
<u>.</u>	SSP							Yes
			OT	HER (Including	Author, Title, Date, Pertin	ent Pages etc.)		
	SSQ	45	·		Smart Cards: 1983", Le Co		Date Unknown,	(2 pages).
	SSR	<u>45</u>	Article entitl	ed "The Birth of	Smart Cards: 1984", Le Co	urier de la Monétique,	Date Unknown,	(3 pages).
	SSS	<u>45</u>	Article entitl	ed "The Birth of	Smart Cards: 1985", Le Co	urier de la Monétique,	Date Unknown,	(2 pages).
EXAMINER	1		<u> </u>			DATE C	ONSIDERED	
FYAMINED:	Initial if r	afarance	a considered w	uhathan ar mat ait	tation is in conformance with	MARTIN COO. D. U.		···

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

				U.S. P	PATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	TTA									
	ТТВ									
	TTC									
	TTD									
	TTE		_							
	TTF									
	TTG									
	TTH									
	TTI									
	TTJ									
	TTK									
				FOREIG	N PATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	TTL							Yes No		
	TTM				·			Yes No		
	TTN		,					Yes No		
	тто							Yes No		
	TTP							Yes No		
			ОТН	ER (Including A	uthor, Title, Date, Pertinent l	Pages, etc.)	1			
	TTQ	46			mart Cards: 1986", Le Courier		Date Unknown,	(2 pages).		
	TTR	46	Article entitle	Article entitled "The Birth of Smart Cards: 1987", Le Courier de la Monétique, Date Unknown, (2 pages).						
	TTS	46	Article entitle	d "The Birth of S	mart Cards: 1988", Le Courier	de la Monétique,	Date Unknown,	(2 pages).		
EXAMINER	1	1				DATE C	CONSIDERED			
EXAMINER:	Initial if r	eferenc	ce considered, wl	hether or not citat	ion is in conformance with MP	EP 609. Draw lin	e through citation	n if not in		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1/14-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS	_	· ···	
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	UUA							
· . <u></u>	UUB							
	UUC			-				
	UUD	1						
	UUE					-		
	UUF		- , , , , , , , , , , , , , , , , , , ,					
	UUG							
	UUH							
	UUI						1	
	UUJ							
	UUK							
				FORE	IGN PATENT DOCUMEN	TS		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	UUL							Yes No
	UUM							Yes No
	UUN		-					Yes No
	UUO							Yes No
	UUP							Yes No
			OTI	IER (Including	Author, Title, Date, Pertin	ent Pages, etc.)	— —	•
	UUQ	47	Article entitle	ed "The Birth of	Smart Cards: 1989", Le Co	urier de la Monétique,	Date Unknown,	(2 pages).
	UUR	47	Doyle, M., University of California, San Diego, Office of Continuing Medical Education, Disclosure Staten November 30, 1993, (10 pages).					
	uus	47	Article entitle 11-12, 1993,		n Network and Distributed S	ystem Security", Priva	acy and Research	Group, February
EXAMINER		'				DATE	CONSIDERED	
EXAMINER: conformance ar	Initial if r	eference siderec	ce considered, w	hether or not cit of this form with	tation is in conformance with h next communication to App	MPEP 609. Draw lin	ne through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned					
	APPLICANT: Richard H. Wagner					
	FILED: Herewith	GROUP ART UNIT: To be assigned				

				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	VVA							
	VVB							
	VVC							
	VVD							
	VVE							
	VVF					- 2 1988		
	VVG							
	VVH							
	VVI							
	VVJ							
	VVK							
				FOREIC	GN PATENT DOCUMENT	r'S		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	VVL							Yes No
	VVM							Yes No
	VVN							Yes No
-	vvo							Yes No
	VVP							Yes No
	!		ОТН	ER (Including A	Author, Title, Date, Pertine	nt Pages, etc.)	<u>. </u>	1
	VVQ	<u>48</u>			or a Smart Card Kerberos", J		pages).	
	VVR	48	Kohl et al., "T	The Kerberos Ne	twork Authentication Service	e (V5)", September 19	993, (103 pages).	
	VVS	48	Nebel, E., "Fi	le Upload in HT	ML Forms", September 23, 1	994, (4 pages).		
EXAMINER	1					DATEC	CONSIDERED	
EXAMINER: conformance an	Initial if red	eferenc sidered	e considered, w	hether or not cita	ition is in conformance with I next communication to Appl	MPEP 609. Draw lin	e through citation	ı if not in

ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
APPLICANT: Richard H. Wagner				
FILED: Herewith	GROUP ART UNIT: To be assigned			
	APPLICANT: Richard H. Wagner			

				U.S. PA	TENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	WWA	<u> </u>						
	WWB	 						
	WWC	1						
····	WWD							
	WWE							
	WWF							_
	wwg							
	WWH							
	wwi							_
	WWJ		-					
	WWK							
			-	FOREIGN	PATENT DOCUMENTS			-
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
:	WWL							Yes No
	WWM							Yes No
	WWN							Yes No
	wwo							Yes No
	WWP							Yes No
	- -		ОТНІ	ER (Including Au	thor, Title, Date, Pertinent Page	s, etc.)		
	wwQ	<u>49</u>	Raggett, D., E-pages).	mail memo entitle	d "Re: Request for New Forms So	ubmission Co	nsensus", Octob	er 12, 1993, (4
	WWR	<u>49</u>	Gaskell et al.,	"Improved Security	y for Smart Card Use in DCE", Fe	bruary 1995,	(17 pages).	
	wws	<u>49</u>	Pato, J., "Usin	g Pre-Authentication	on to Avoid Password Guessing A	ttacks", June	1993, (5 pages).	
EXAMINER						DATE C	ONSIDERED	
EXAMINER: Ir conformance and	nitial if re not cons	ference idered.	e considered, wh Include copy o	ether or not citatio f this form with ne	n is in conformance with MPEP 6 xt communication to Applicant.	09. Draw line	through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

		-	···	U.S	. PATENT DOCUMENTS					
EXAMINER INITIAL										
	XXA	-								
	XXB		·	 						
	XXC									
	XXD			 -						
	XXE	1								
	XXF	<u> </u>				-				
	XXG									
	XXH									
	XXI									
	XXJ									
	XXK									
				FORE	GN PATENT DOCUMENTS		<u> </u>			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	XXL							Yes No		
	XXM							Yes No		
	XXN		-					Yes No		
	XXO							Yes No		
	XXP		- "					Yes No		
			OTH	ER (Including	Author, Title, Date, Pertinent	Pages, etc.)		1		
	XXQ	<u>50</u>	Shipplett, M. pages).	E-mail memo	entitled "Re: Insecure WWW A	ccess Authorization	n Protocol?", Ma	rch 7, 1994, (3		
·	XXR	<u>50</u>		"Financial Transaction Card Originated Messages – Interchange Message Specifications", International Standard, Second Edition, December 15, 1993, (128 pages).						
	xxs	<u>50</u>	Various articl (73 pages).	es on the subjec	et "1994 NIST Guideline for Adv	vanced Authenticat	ion (Smart Cards)", Date Unknow,		
EXAMINER			1		-	DATE (CONSIDERED			
EXAMINER: conformance ar	Initial if rond not cons	eference siderec	ce considered, w	hether or not cit of this form with	tation is in conformance with MI h next communication to Application	PEP 609. Draw lin	e through citation	n if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	YYA	 	- -				 	
	YYB							
	YYC		· · · · · · · · · · · · · · · · · · ·					
	YYD							
	YYE							
	YYF							
	YYG							
	YYH							
	YYI							
	YYJ							
	YYK		·					
				FORE	IGN PATENT DOCUMEN	TS		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	YYL							Yes No
	YYM					-		Yes No
	YYN		- · · · -					Yes No
	YYO							Yes No
	YYP							Yes No
	!		ОТ	HER (Including	Author, Title, Date, Pertin	ent Pages, etc.)	<u> </u>	
	YYQ	51		"Smart Cards: S Il Companies, (3	Seizing Strategic Business Op 23 pages).	portunities", The Sma	rt Card Forum, ©	1997 The
	YYR	<u>51</u>	Fielding et a	l., "Hypertext Ti	ransfer Protocol - HTTP/1.1"	', January 1997, (162 p	pages).	
	YYS	<u>51</u>		, "M·O·S·A·I·C ana Press, Inc., (Quick Tour for Windows: A 215 pages).	ccessing & Navigating	g the Internet's W	orld Wide Web",
EXAMINER	1		· •			DATE	CONSIDERED	
EXAMINER: conformance ar	Initial if r	eferenc sidered	e considered, v	whether or not ci	tation is in conformance with h next communication to App	MPEP 609. Draw lin	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	ATENT DOCUMENTS			_
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
· · · · · · · · · · · · · · · · · · ·	ZZA	+						
···································	ZZB							
	ZZC							
	ZZD				-			
	ZZE							
	ZZF							
***	ZZG							
	ZZH							
	ZZI							
	ZZJ							
	ZZK							
				FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	ZZL							Yes No
	ZZM							Yes No
	ZZN							Yes No
•	ZZO							Yes No
	ZZP							Yes No
		!	ОТН	ER (Including Au	thor, Title, Date, Pertinent Pag	ges, etc.)		
	ZZQ	<u>52</u>			or: An Introduction", ©1996 Boy		ıblishing Compan	y, (138 pages)
	ZZR	52	James, P., "Of	fficial Netscape Na	vigator 2.0 Book: Windows Edi	tion", ©1996,	Ventana Press, In	c., (692 pages).
	ZZS	<u>52</u>	Article entitle	d "A Smart Card fo	or On-Line Home Services", Chi	pCord News, I	Issue No. 32, July	1990, (2 pages).
EXAMINER		J				DATE	CONSIDERED	
EXAMINER: conformance an	Initial if r	eferend sidered	ce considered, when the considered is the considered in the constant of the co	nether or not citation of this form with ne	on is in conformance with MPEP ext communication to Applicant.	609. Draw lii	ne through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner	Wagner		
	FILED: Herewith	GROUP ART UNIT: To be assigned		

	•			U.S. P.	ATENT DOCUMENTS			
EXAMINER INITIAL		DOC! NUM	UMENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA	Ì						
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ	_						
	AAAK							
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL		DOC! NUM	UMENT BER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
		L	ОТН	ER (Including A	uthor, Title, Date, Pertinent Pag	es, etc.)		
	AAAQ	<u>53</u>		<u>_</u>	ond Generation Web", Scientific A		1999, (5 pages).	
	AAAR	<u>53</u>	Beners-Lee et	al., "RFC1866-H	ypertext Markup Language-2.0", I	November 199	5, (58 pages).	
	AAAS	<u>53</u>	Burchard et al., "Compound Documents in HTML", Internet Draft Memo, Date unknown, (14 pages).					
EXAMINER	1		<u> </u>			DATE C	ONSIDERED	
EXAMINER: I conformance and	nitial if ref	ference dered.	considered, wh	nether or not citati of this form with n	on is in conformance with MPEP ext communication to Applicant.	609. Draw lin	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S.	. PATENT DOCUMENTS	-			
EXAMINER INITIAL		1	CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	AAAA								
	AAAB	1				-		·	
	AAAC	1							
	AAAD		,						
	AAAE	<u> </u>	<u>-</u> .						
	AAAF								
	AAAG								
	AAAH								
	AAAI								
	AAAJ								
	AAAK								
				FOREI	GN PATENT DOCUMENT	rs -	<u> </u>		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AAAL							Yes No	
	AAAM							Yes No	
	AAAN							Yes No	
	AAAO							Yes No	
	AAAP							Yes No	
			ОТН	ER (Including	Author, Title, Date, Pertine	nt Pages, etc.)			
	AAAQ	<u>53</u>	Press Release 1995, (3 page		oduces Netscape Navigator 2.	0", Netscape Compa	ny Press Relation	s, September 18,	
	AAAR	<u>53</u>	Hansen, Wilfred J., "Enhancing Documents with Embedded Programs: How Ness Extends Insets in the Andrew ToolKit", IEEE 1990, pp. 23-32, (10 pages).						
	AAAS	<u>53</u>	Tani, M., Yamaashi, K., Tanikoshi, K., Futakawa, M. and Tanufuji, S., "Object-Oriented Video: Interaction with Real-World Objects Through Live Video", ACM 1992, pp. 593-598, (6pages).						
EXAMINER						DATEC	CONSIDERED		
EXAMINER: conformance ar	Initial if re	ferenc	e considered, wl	hether or not cit	ation is in conformance with I h next communication to Appl	MPEP 609. Draw lin	e through citation	n if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

<u>, -</u>				U.S. PA	TENT DOCUMENTS			·		
EXAMINER INITIAL		DOC!	UMENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AAAA									
	AAAB									
	AAAC									
	AAAD									
	AAAE									
	AAAF									
	AAAG									
	AAAH									
	AAAI									
	AAAJ									
	AAAK									
	•			FOREIGN	PATENT DOCUMENTS		· · · · · · · · · · · · · · · · · · ·			
EXAMINER INITIAL		DOC! NUM	UMENT BER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AAAL							Yes No		
	AAAM							Yes No		
	AAAN							Yes No		
	AAAO							Yes No		
-	AAAP							Yes No		
			ОТН	ER (Including Aut	hor, Title, Date, Pertinent Page	s, etc.)	<u> </u>			
	AAAQ	<u>53</u>			Forsdick, H. and Tomlinson, R., "1 1990, pp. 329-342 (14 pages).	MMConf: An	Infrastructure fo	r Building Shared		
	AAAR	<u>53</u>			and Wilkins, R., "Towards an Inte 2, pp. 181-191, (10 pages).	grated Inforn	nation Environme	ent with Open		
	AAAS	<u>53</u>		Ferrara, Fabrizio, M., "The KIM Query System: An Iconic Interface for the Unified Access to Distributed Multimedia Databases", SIGGHI Bulletin 1994, Vol. 26, No. 3, pp.30-39, (10 pages).						
EXAMINER		<u>. </u>		· · · · · · · · · · · · · · · · · · ·		DATE C	ONSIDERED			
EXAMINER: In conformance and	itial if ref	ference dered.	considered, wh Include copy of	ether or not citation f this form with nex	n is in conformance with MPEP 60 kt communication to Applicant.	09. Draw line	through citation	ı if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
· · ·	AAAA									
	AAAB									
-	AAAC									
	AAAD	,								
	AAAE									
	AAAF									
	AAAG									
	AAAH									
	AAAI									
	AAAJ						- "	-		
	AAAK		-							
				FORE	IGN PATENT DOCUMEN	TS				
EXAMINER INITIAL	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION			
	AAAL							Yes No		
-	AAAM	[Yes No		
	AAAN							. Yes		
	AAAO	,						Yes No		
	AAAP							Yes No		
			OTI	IER (Including	Author, Title, Date, Pertin	ent Pages, etc.)				
	AAAQ	<u>53</u>	Gibbs, Simor	n, "Composite N	fultimedia and Active Object	s", OOPSLA 1991, pp	o. 97-112, (16 pag	ges).		
	AAAR	<u>53</u>	Davis, H. Ha page).	Davis, H. Hall, W., Pickering, A. and Wilkins, R., "Microcosm: An Open Hypermedia System", ACM, 1993, (1 page).						
	AAAS	<u>53</u>			s, M., "The Use of FTAM to 3.V. 1992, pp. 377-383, (19 p		tures Across Wid	e Area Networks",		
EXAMINER						DATE	CONSIDERED			
EXAMINER: conformance ar	Initial if re	ferend	ce considered, w	hether or not ci	tation is in conformance with h next communication to App	MPEP 609. Draw lir	ne through citation	n if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

***************************************				U.S. PA	TENT DOCUMENTS	-		
EXAMINER INITIAL		DOC NUM	UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
			ОТНІ	ER (Including Au	thor, Title, Date, Pertinent Page	s, etc.)		
	AAAQ	<u>53</u>		Scientific Visualiza 29, (19 pages).	ation in High-Speed Network Env	ironments", E	lsevier Science F	Publishers B.V.
	AAAR	<u>53</u>			and Shelat, A., "PLX: A Proposining X Windows", Comput. & G			
	AAAS	<u>53</u>	Kirste, Thomas	s, "SpacePicture-A 1993, pp. 251-260	n Interactive Hypermedia Satellite), (10 pages).	e Image Arch	ival System", Co	mput. & Graphics,
EXAMINER						DATE C	ONSIDERED	
EXAMINER: In conformance and	nitial if ref	erence dered.	considered, who	ether or not citation f this form with nex	n is in conformance with MPEP 6 xt communication to Applicant.	09. Draw line	e through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	,
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	ATENT DOCUMENTS			·		
EXAMINER INITIAL		1	CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AAAA									
	AAAB		· · · · · · · · · · · · · · · · · · ·							
· · · · · · · · · · · · · · · · · · ·	AAAC									
	AAAD									
	AAAE									
	AAAF		4							
	AAAG									
	AAAH	1	······································							
	AAAI	<u> </u>								
	AAAJ	†"								
	AAAK									
	•			FOREIGN	N PATENT DOCUMENTS	•	•			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AAAL							Yes No		
	AAAM							Yes No		
	AAAN							Yes No		
	AAAO							Yes No		
	AAAP							Yes No		
		.1	ОТН	ER (Including Au	ıthor, Title, Date, Pertinent Pa	iges, etc.)	!.	<u> </u>		
	AAAQ	<u>53</u>	Coulson, G., B	lair, G., Davis, N.	and Williams, N. "Extensions to p. 305-322, (18 pages).	-	ultimedia Compu	ting", Elsevier		
	AAAR	53	Le Huynh, D., Jensen, M., Larsen, R., Southard, J., and Wang, F., "PIX: An Object-Oriented Network Graphics Environment", Comput. & Graphics, Vol. 17, No. 3, 1993, pp.295-304, (10 pages).							
	AAAS	53	Berners-Lee, 7 454-459, (6 pa		nd Ggroff, J., "The World-Wide	e Web", Elsevie	r Science Publish	ers B.V. 1992, pp.		
EXAMINER	<u> </u>			-		DATE (CONSIDERED			
EXAMINER: conformance an	Initial if re	ferenc idered	e considered, wh Include copy o	ether or not citation f this form with no	on is in conformance with MPE ext communication to Applicant	P 609. Draw lir	ne through citation	n if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
IN GRIMATION DISSESSING STATEMENT	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P	PATENT DOCUMENTS					
EXAMINER INITIAL			UMENT 1BER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE	
	AAAA				-					
	AAAB				_					
	AAAC									
	AAAD		,							
	AAAE							-		
	AAAF					· · · · · · · · · · · · · · · · · · ·				
	AAAG									
	AAAH									
	AAAI									
	AAAJ									
	AAAK									
	•			FOREIG	N PATENT DOCUMENTS	s		•	•	
EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION	
	AAAL								Yes No	
	AAAM						-		Yes No	
	AAAN								Yes No	
	AAAO								Yes No	
	AAAP								Yes No	
	!	<u> </u>	ОТН	ER (Including A	uthor, Title, Date, Pertinen	nt Pages,	etc.)	_l		
	AAAQ	<u>53</u>	Shackleford, I		Sith, F. "The Architecture and	_		a Distributed Hy	permedia Storage	
	AAAR	<u>53</u>	Labriola, Don, "Whiteboard Software: Remote Possibilities", PC Magazine, June 14, 1994, pp. 223-224, (2pages).							
	AAAS	<u>53</u>	"How We Eva	luate the Whitebo	oard Software". PC Magazin	ne, June 14	4, 1994, pp	. 225-228, (4page	es).	
EXAMINER .	1 1						DATEC	CONSIDERED		
EXAMINER: I conformance and	nitial if re	ference dered.	considered, when Include copy of	nether or not citat	ion is in conformance with Mext communication to Appli	MPEP 609	Draw lin	e through citation	n if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

			U.S	S. PATENT DOCUMENTS	S		
EXAMINER INITIAL		DOCUMEN' NUMBER	г рате	NAME	CLASS	SUB-CLASS	FILING DATE
_	AAAA						
	AAAB						
	AAAC						
	AAAD						
	AAAE						
	AAAF						
	AAAG						
	AAAH						
	AAAI						
	AAAJ						
	AAAK						
			FORE	EIGN PATENT DOCUME	NTS		
EXAMINER INITIAL		DOCUMEN' NUMBER	T DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL					-	Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No
	•	.	OTHER (Includin	g Author, Title, Date, Perti	inent Pages, etc.)		<u>. </u>
	AAAQ	53 Udell,	John, "Visual Basic (Custom Controls Meet OLE"	, BYTE, March 1994, p	p. 197-198 and 2	00, (3pages).
	AAAR	53 Sarna,	D. and Febish, G., "C	DLE Gains Without (Much) I	Pain", DATAMATION,	June 15, 1994, p	p. 31, (1page).
	AAAS	53 Scrups	ki, Susan, "Outsourci	ng: It Could be Good", DA	TAMATION, June 15, 1	994, pp. 32-33 a	nd 114, (3pages).
EXAMINER	.1				DATE C	ONSIDERED	
EXAMINER: conformance ar	Initial if rea	ference conside dered. Include	ered, whether or not co	itation is in conformance with next communication to A	th MPEP 609. Draw lin	e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	ATENT DOCUMENTS			
EXAMINER INITIAL			UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA				•			
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG					-		
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIGN	PATENT DOCUMENTS	•		
EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
		•	ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	s, etc.)	·	
	AAAQ	<u>53</u>	Rizzo, John, "	What's OpenDoc?'	", MacUser, April 1994, pp. 119-1	23, (3pages).		
	AAAR	<u>53</u>	Cello Browser	Release 1.01a ftp	:law.cornell.edu/pub/L11/cello, M	larch 16, 1994	, (8 pages).	
	AAAS	<u>53</u>	"Why Jim Cla	rk Loves Mosaic",	Wired, October 1994, pp. 118-12	1, 150-151 an	d 157, (7 pages).	
EXAMINER						DATE C	ONSIDERED	
EXAMINER: I conformance and	nitial if rei	ference dered.	considered, wh Include copy o	ether or not citation f this form with ne	on is in conformance with MPEP 6 xt communication to Applicant.	09. Draw line	through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S.	PATENT DOCUMENTS	· ·		
EXAMINER INITIAL		DOCI NUM	JMENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA	-					 	
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIG	GN PATENT DOCUMENT	S	<u></u> .	<u> </u>
EXAMINER INITIAL		DOCU	JMENT BER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
-	AAAM				-			Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
	<u> </u>	·	ОТН	ER (Including	Author, Title, Date, Pertine	nt Pages, etc.)		
	AAAQ				'Hypernet: A Tool to Chored No.2, 1992, pp.197-202, (6p.		stributed Hypern	nedia Documents",
	AAAR		Moeller, M. and Leach, N., "Microsoft Maps New OCX Plan: ActiveX seen as Web Content Platform", PC Week, March 11, 1996, Vol. 13, No. 10, pp. 1-2, (2 pages).					
	AAAS	53	"OLE 2.0: D	eath to Monolith	s?", BYTE, March 1994, pp.	121-122, (2 pages).		
EXAMINER		_	····			DATE C	ONSIDERED	
EXAMINER: conformance an	Initial if re	ference dered.	considered, w Include copy	hether or not cita of this form with	ition is in conformance with N next communication to Appl	MPEP 609. Draw line icant.	through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
IN STANKING BIOGESSONE STATEMENT	APPLICANT: Richard H. Wagner	***************************************
	FILED: Herewith	GROUP ART UNIT: To be assigned

			1 -1	U.S. PA	TENT DOCUMENTS			
EXAMINER INITIAL			CUMENT	DATE	NAME ,	CLASS	SUB-CLASS	FILING DATE
		NUN	MBER	1				
	AAAA	ļ						
	AAAB	ļ						
	AAAC	ļ						
	AAAD	ļ						
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIGN	PATENT DOCUMENTS	•	•	<u> </u>
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
	<u> </u>	<u> </u>	OTH	ER (Including Au	thor, Title, Date, Pertinent Page	s. etc.)		
,	AAAQ	<u>53</u>			ers New Network Navigator Free o		,	
					ef/pr/newsrelease1.html, January		, 	
	AAAR	<u>53</u>	Sackman, Glea	ason, "Remote Tele	e-Excavation via the Web", Tele-r	obotics, Vol.	11, Issue 9, (1 pa	ge).
	AAAS	<u>53</u>	Wolf, Gary, "1	The (Second Phase	of) the Revolution has Begun", W	IRED, Octob	er 1994, pp. 16-	17, (2 pages).
EXAMINER	11		1	 	· · · · · · · · · · · · · · · · · · ·	DATE C	ONSIDERED	
EXAMINER: Is conformance and	nitial if re	ference dered.	e considered, wh Include copy o	ether or not citation f this form with ne	on is in conformance with MPEP 6 ext communication to Applicant.	09. Draw line	through citation	if not in

CKET NO.: 1714-0013 SERIAL NO.: To be assigned				
APPLICANT: Richard H. Wagner				
rewith GROUP ART UNIT: To be assign	ned			

		_		U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
***	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ		,				_	
	AAAK							
				FORE	IGN PATENT DOCUMEN	NTS		
EXAMINER INITIAL			UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL		-					Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
			OTI	HER (Including	Author, Title, Date, Perti	nent Pages, etc.)		
	AAAQ	<u>53</u>			"Lean Management, Group 3, pp. 112-121, (10 pages).	Support Systems ar	d Hypermedia: A C	Combination Whose
	AAAR	<u>53</u>			er-Slicer-Dicer: A New Too pp. 1-7, (7 pages).	l for the Visualization	on of Large Volume	tric Data",
	AAAS	<u>53</u>	Hansen, W. a (5 pages).	and Consortium,	A. "Andrew as a Multiple I	Enviroment for Visu	al Languages", IEEI	E, 193, pp. 256-260,
EXAMINER			<u>,</u> ,			DAT	E CONSIDERED	
EXAMINER: conformance ar	Initial if re	ference dered.	considered, v	hether or not ci	tation is in conformance with next communication to Ap	h MPEP 609. Draw	line through citatio	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

			0.5	. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA						
	AAAB						
	AAAC						
	AAAD						
	AAAE						
	AAAF						
n,	AAAG						
	AAAH						
	AAAI						
	AAAJ						
	AAAK						
			FORE	IGN PATENT DOCUMEN	rs		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes No
	AAAM						Yes No
	AAAN						Yes No
	AAAO						Yes No
	AAAP	_					Yes No
	I	ГО	HER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		1. <u></u> .
	AAAQ			oryo: VR Applications in Hu		atomy, January 2	7, 1994, pp. 1-9, (9
	AAAR	53 Doyle, M.,	"A Knowledge M	lanagement Enviroment throu	igh the World Wide W	/eb", 01/07/1994	
	AAAS	53 Oliver, D. e	t al., "Netscape ^{TN}	⁴ Unleashed"			
EXAMINER					DATE	CONSIDERED	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	ATENT DOCUMENTS		· ·			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
·	AAAA	1								
	AAAB	<u> </u>								
	AAAC									
	AAAD									
	AAAE	 				1				
	AAAF	1								
	AAAG	1								
	AAAH									
	AAAI									
	AAAJ	1								
	AAAK		_							
		1		FOREIGN	N PATENT DOCUMENTS	_ _		ı		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AAAL							Yes No		
	AAAM							Yes No		
	AAAN							Yes No		
	AAAO					_		Yes No		
	AAAP							Yes No		
			ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	es, etc.)		<u> </u>		
	AAAQ	53		in, D. and Doyle, M 994, pp. 1-10 (10 p	M., "Integrated Control of Distribupages).	ited Volume V	isualization Thre	ough the World-		
,	AAAR	<u>53</u>		Hume, Tom, "WAP: Where we've come from, where we are, where we're going" Available online at http://www.tomhume.org/stories/2002/02/04wapWhereWeveComeFromWhereWeAreW , (18 pagers)						
	AAAS	<u>53</u>			Perfection", ARC Group in the Propage.nsf/PRSARC/ar010201, (4 page.nsf/PRSARC/ar010201)		l, 2001, Availabl	e online at		
EXAMINER						DATE C	ONSIDERED			
EXAMINER: conformance and	Initial if re	ference idered.	considered, when Include copy of	nether or not citation of this form with ne	on is in conformance with MPEP (ext communication to Applicant.	609. Draw lin	e through citation	if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P	ATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AAAA									
	AAAB		-							
	AAAC						<u> </u>			
	AAAD									
	AAAE							_		
	AAAF									
	AAAG									
	AAAH			1			1			
	AAAI	1								
	AAAJ	1								
	AAAK									
				FOREIG	N PATENT DOCUMENTS	1		<u> </u>		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AAAL							Yes No		
	AAAM							Yes No		
	AAAN						:	Yes No		
	AAAO							Yes No		
	AAAP							Yes No		
			ОТН	ER (Including A	uthor, Title, Date, Pertinent	Pages, etc.)				
	AAAQ	<u>53</u>			nguage (HDML) specifications -3.html through http://www.w3					
	AAAR	<u>53</u>		Hinden, R., "Simple Internet Protocol Plus White Paper", Network Working Group, October 1994, Available onli at ftp://ftp.rfc-editor.org/innotes/rfc 1710.txt, (22 pages).						
	AAAS	<u>53</u>			ink wireless laptops, PDA's to d, September 13, 1993, v15 n3		omputers, person	al digital assistants,		
EXAMINER						DATE C	CONSIDERED			
EXAMINER: conformance ar	Initial if re	ference idered.	e considered, w	hether or not citat	ion is in conformance with MP lext communication to Applica	EP 609. Draw lin	e through citation	n if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FORE	IGN PATENT DOCUMEN	TS		
EXAMINER INITIAL		DOC NUM	UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL			-				Yes No
	AAAM							Yes No
· · · · · · · · · · · · · · · · · · ·	AAAN							Yes No
-	AAAO							Yes No
	AAAP							Yes No
		•	ОТІ	IER (Including	Author, Title, Date, Pertin	ent Pages, etc.)	1	
	AAAQ	<u>53</u>	Schwartz, Ba Network", Bo	erry K. and Steple Communication	hen B. Weinstein, "Dual-Medions Research, IEEE 1993, p	dia Messaging Using S p. 1183-1188, (6 pages	creen Telephone.).	s on the Telephone
	AAAR	<u>53</u>		chard D., "PHA 5-809, (4 pages)	SE, A Portable Host Access S	System Environment",	Unisys Defense	Systems, IEEE
	AAAS	<u>53</u>		ders, Gerald Q. I 74, (5 pages).	Maguire, Frank Reichert, and	Mark T. Smith, "MIN	T-A Mobile Inte	rnet Router", ILEI
EXAMINER						DATE C	ONSIDERED	<u> </u>
EXAMINER:	Initial if re	ference	considered, w	hether or not cit	tation is in conformance with h next communication to App	MPEP 609. Draw lin	e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

			U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA						
	AAAB						
	AAAC						
	AAAD						
	AAAE						
	AAAF						
	AAAG						-
	AAAH						
	AAAI						
	AAAJ						
	AAAK						
	•		FORE	IGN PATENT DOCUMENT	rs .		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes No
	AAAM						Yes No
	AAAN	-					Yes No
	AAAO						Yes No
	AAAP						Yes No
		O	THER (Including	Author, Title, Date, Pertine	nt Pages, etc.)	•	
	AAAQ			in Bhagwat, "A Mobile Netwo irst Quarter 1994, pp. 32-41, (on Internet Protoc	col"{, IEEE
	AAAR	53 Connolly, November	Γ., P. Amer, and F 1994, Available o	. Conrad,, "An Extension to Tonline at ftp://ftp.rfc-editor.org/	CP: Partial Order Se /in-notes/rfc 1693.txt	ervice", Network , (14 pages).	Working Group,
	AAAS			s for Upper-Layer OSI to Supp ble online at ftp://ftp.rfc-editor			ons", Networking
EXAMINER	_!				DATE C	CONSIDERED	
EXAMINER: conformance an	Initial if ref	Ference considered,	whether or not ci	tation is in conformance with N	MPEP 609. Draw lin	e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

		·		U.S	. PATENT DOCUMENTS					
EXAMINER INITIAL		1	CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AAAA									
	AAAB							-		
	AAAC									
	AAAD									
	AAAE									
	AAAF									
	AAAG									
	AAAH									
	AAAI									
	AAAJ									
	AAAK			_						
	•			FORE	IGN PATENT DOCUMEN	NTS	<u> </u>			
EXAMINER INITIAL		1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AAAL							Yes No		
	AAAM							Yes No		
	AAAN							Yes No		
	AAAO							Yes No		
	AAAP							Yes No		
			OT	HER (Including	Author, Title, Date, Perti	nent Pages, etc.)				
	AAAQ	<u>53</u>			Angel, "TN3270 Extensions online at ftp://ftp.rfc-editor.g			twork Working		
	AAAR	<u>53</u>		Klensin, J., N. Freed, M. Rose, E. Stefferud, and D. Crocker, "SMTP Service Extensions", Network Working Group. February 1993, Available online at ttp://ftp.rfc-editor.org/in-notes/rfc1425txt , (10 pages).						
	AAAS	<u>53</u>			led Internet Protocol A Fram 1992, Available online at <u>ftp</u>					
EXAMINER				<u> </u>		DATE C	CONSIDERED			
EXAMINER: conformance ar	Initial if re	ference dered.	considered, v	whether or not ci	tation is in conformance with h next communication to Ap	h MPEP 609. Draw lin	e through citation	n if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
INFORMATION DISCLOSURE STATEMENT	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S	. PATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AAAA									
·	AAAB	1					•			
· · · · · · · · · · · · · · · · · · ·	AAAC									
	AAAD		· · · · · · · · · · · · · · · · · · ·							
	AAAE									
	AAAF									
	AAAG									
	AAAH									
	AAAI	1								
	AAAJ									
	AAAK									
		• • •	-	FORE	IGN PATENT DOCUMEN	TS		<u>-</u>		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	AAAL							Yes No		
	AAAM							Yes No		
	AAAN							Yes No		
	AAAO							Yes No		
	AAAP							Yes No		
			OT	HER (Including	g Author, Title, Date, Pertin	ent Pages, etc.)				
	AAAQ	<u>53</u>			x Paging Protocol-Version 2" es/rfc1645.txt, (15 pages).	, Network Working Gr	oup, July 1994, A	Available online at		
	AAAR	53		Braden, B., J. Postel, and Y. Rekhter, "Internet Architecture Extensions for Shared Media", Network Working Group, May 1994, Available online at ftp://ftp.rfc-editor.org/in-notes/rfc1620.txt , (18 pages).						
	AAAS	<u>53</u>	_		Halstrick, Ralf Guido He II," IBM European Netw	-	•			
EXAMINER	_11		1			DATEC	CONSIDERED			
EXAMINER: conformance ar	Initial if re	ference dered.	considered, v	whether or not ci	tation is in conformance with h next communication to Ap	n MPEP 609. Draw lin plicant.	e through citation	n if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S. PA	TENT DOCUMENTS			
EXAMINER INITIAL		DOCU NUME	MENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA	+						
	AAAB	-		· · · · · · · · · · · · · · · · · · ·		<u> </u>		
	AAAC	 						
	AAAD	1		-				
	AAAE				•			
	AAAF							
	AAAG		- 115	-				
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIGN	PATENT DOCUMENTS			<u> </u>
EXAMINER INITIAL		DOCU NUME	MENT BER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN						-	Yes No
	AAAO							Yes No
	AAAP							Yes No
			ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	es, etc.)		I.—.— , ,
	AAAQ]		ting Network," II	. Wang, "Development of a Di EEE Transactions on Consume			
	AAAR		Adomeit, Reinhard and Bernhard Holtkamp, "A Reference Framework for Integrated POI/POS Systems," Fraunhofer Institute for Software Engineering and Systems Engineering, (4 pages).					
	AAAS	53	Caneve, Mai	ırizio, and Rober	to Gagliardi, "A WAIS-Based	Hypermedia	Document Sys	stem," (4 pages).
EXAMINER		1_				DATE C	ONSIDERED	
EXAMINER: conformance an	Initial if re d not cons	ference o	onsidered, wh	nether or not citation of this form with ne	on is in conformance with MPEP 6 ext communication to Applicant.	09. Draw line	through citation	ı if not in

	1 /// / /
FORM PTO-1449	
INFORMATION DISCLOSURE STATEMENT	
	ADDITIONAL

ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
APPLICANT: Richard H. Wagner	
FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB							
	AAAC							
	AAAD							
	AAAE		-,,					
<u>.</u>	AAAF						1	
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FORE	IGN PATENT DOCUMEN	TS		
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes
	AAAP							Yes No
		1	ОТ	HER (Including	Author, Title, Date, Pertin	ent Pages, etc.)		1
	AAAQ	<u>53</u>			berto Gagliardi, "A WAIS		a Document Sys	stem," (4 pages).
	AAAR	<u>53</u>			rd Stiller, and Martina Zitt ms," July 1, 1994, (4 pages		exible Service-	integrated
	AAAS	<u>53</u>			sz Waclawczyk, and Bern Applications," (4 pages).	hard Plattner, "Man	agement of Cor	nfigurable
EXAMINER			<u> </u>	-		DATE (CONSIDERED	
	T 1.6	<u> </u>	., .	1 1	tation is in conformance with			

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S.	. PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							-
	AAAI							
	AAAJ							
	AAAK							
		*		FOREI	GN PATENT DOCUMENT	ΓS		<u> </u>
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL		* '.,					Yes No
	AAAM		•					Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
			OTI	IER (Including	Author, Title, Date, Pertine	ent Pages, etc.)		
	AAAQ	<u>53</u>			ns; networks at Kash N' Kage Executive with Shoppin			
	AAAR	<u>53</u>	Cummings, Joanne, "What's Hot What's Not '95," Network World, December 26, 1994/January 2, 1995, (5 pages).					4/January 2,
	AAAS	53 Aronin, Mindy, "XcelleNet launches fifth-generation RemoteWare 2.0 for remote and mobile applications," Business Wire, November 28, 1994, (4 pages).					nobile	
EXAMINER	. -				-	DATE	CONSIDERED	
EXAMINER:	Initial if re	ference	e considered, w	hether or not cit	ation is in conformance with	MPEP 609. Draw li	ne through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

						 		
				U.S. P.	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCUM NUMBE		DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB							_
	AAAC							
	AAAD							
	AAAE							
-	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIG	N PATENT DOCUMENTS	•	•	•
EXAMINER INITIAL		DOCUM NUMBE		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
_	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
			ОТН	ER (Including A	uthor, Title, Date, Pertinent Pag	ges, etc.)		
	AAAQ				obile applications (case studies 994 v16 n48 p73, (7 pages).	s of companie	s developing m	obile programs),"
	AAAR		Moeller, Michael, "Wireless standard to ease application portability; extensions will provide a common layer for CDPD, RAM, Ardis software," PC Week, November 21, 1994 v11 n46 p1, (3 pages).					
	AAAS				urlester, and Laura Wonnacott "InfoWorld, November 15, 19			
EXAMINER	<u> </u>					DATE	CONSIDERED	
EXAMINER: conformance and	nitial if re	ference co idered. Inc	nsidered, wh	nether or not citati of this form with n	on is in conformance with MPEP ext communication to Applicant.	609. Draw lin	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

			U.S.	PATENT DOCUMEN	TTS		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
 -	AAAA						
	AAAB						
	AAAC						
	AAAD	· · · · ·					
	AAAE						
	AAAF						
	AAAG						
	AAAH						•
	AAAI						
	AAAJ						
	AAAK					1	-
		•	FOREI	GN PATENT DOCUM	IENTS	- 1	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes No
	AAAM						Yes
-	AAAN	-					No
	AAAN						Yes No
	AAAO						Yes No
•	AAAP						Yes No
	I,		OTHER (Including	Author, Title, Date, Pe	ertinent Pages, etc.)		
	AAAQ	53 Miscel	laneous List of Arti	cle Abstracts, (50 pag	es).		
	AAAR		la et al., "The Secur 1999, (42 pages).	re HyperText Transfer	Protocol", Network W	orking Group, @)
	AAAS				ge Specification - 2.0", rn/html2.html., August		
EXAMINER				-	DATE	CONSIDERED	
EXAMINER: conformance an	Initial if read	ference considered. Include	red, whether or not cit copy of this form with	ation is in conformance n next communication to	with MPEP 609. Draw lin	ne through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

				U.S. P	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCU NUMI	JMENT BER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB				,			
	AAAC							
	AAAD							
	AAAE							
	AAAF			<u> </u>				
	AAAG			·	"			
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
	•			FOREIG	N PATENT DOCUMENTS		<u> </u>	
EXAMINER INITIAL		DOCU NUMI	JMENT BER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM			-				Yes
	AAAN	<u> </u>		 				No
	AAAN							Yes No
	AAAO	-						Yes No
	AAAP						-	Yes No
			ОТН	ER (Including A	uthor, Title, Date, Pertinent Pa	ages, etc.)		<u> </u>
	AAAQ				Markup Language Specificati g/MarkUp/html3/html3.txt., A			995, Available
	AAAR		Merle et al., "Integration of heterogeneous environments: World Wide Web, Smart Card and Corba," Date Unknown, (16 pages).					
	AAAS				CGI 'Active Server Pages (A e at http://www.prosolutionsin			
EXAMINER						DATE (CONSIDERED	
EXAMINER: conformance ar	Initial if re	ference dered.	considered, w	hether or not citation of this form with n	ion is in conformance with MPE next communication to Applicant	P 609. Draw lir	ne through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCUN NUMBI		DATE	NAME	CLASS	SUB-CLASS	FILING DATE
_	AAAA	····						·
	AAAB			 		-		
	AAAC							
	AAAD							
	AAAE							:
	AAAF					<u> </u>		
	AAAG							
	AAAH		••				<u> </u>	
	AAAI							
	AAAJ							
	AAAK						_	
				FOREIGN	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUN NUMBI		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN			-				Yes No
	AAAO							Yes No
	AAAP	, .						Yes No
		<u> </u>	ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	s, etc.)	1	
	AAAQ				BC Servlet Applications", Dynaw.disc.com/jdbcserv.html., Ma		•	Corporation,
	AAAR	A	Pasian et al., "A Generalized Mosaic-to-SQL Interface with Extensions to Distributed Archives", Astronomical Data Analysis Software and Systems IV ASP Conference Series, Volume 77, 1995, Available online at http://www.stsci.edu/stsci/meetings/adassIV/pasianf.html , May 7, 2002, (5 pages).					
	AAAS				s-SQL gateway", December 19 DG/People/jason/pub/gsql/star			16 pages).
EXAMINER		· ·				DATE C	ONSIDERED	
EXAMINER: conformance an	Initial if read	erence co dered. In	nsidered, wh	nether or not citation of this form with ne	on is in conformance with MPEP 6 ext communication to Applicant.	09. Draw line	through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
IN CHIMATION DISCUSSIVE STATEMENT	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

			U.S.	PATENT DOCUMENT	ΓS	<u> </u>		
EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
INTIAL		NUMBER	DATE	NAME	CLASS	30B-CLASS	FILING DATE	
	AAAA							
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
			FOREI	GN PATENT DOCUM	ENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	AAAL						Yes No	
	AAAM						Yes No	
	AAAN						Yes No	
	AAAO						Yes No	
	AAAP						Yes No	
	<u>. </u>	<u>l</u> .	OTHER (Including	Author, Title, Date, Per	tinent Pages, etc.)	i		
	AAAQ	AAAQ 53 Rasmussen, B. F., "WDBA Web Interface to Sybase", Astronomical Data Analysis Software and Systems IV ASP Conference Series, Volume 77, 1995, Available online at http://www.stsci.edu/stsci/meetings/addas1V/rasmussenb.html ., May 7, 2002, (7 pages) .						
	AAAR		Connolly, Daniel W., "Paul Burchard on HTML 2.0 FORMs", July 11, 1994, Available online at http://lists.w3.org/Archives/Public/www-html/1994Jul/0014.html , December 3, 2001, (6 pages).					
	Hackborn, Dianne, "Re: Java Applet element proposal", June 8, 1995, Available online at http://ksi.cpsc.ucalgary.ca/archives/HTML-WG/html-wg-95q2.messages/1228.html , November 1, 2001, (2 pages).							
EXAMINER					DATE	CONSIDERED		
EXAMINER: conformance an	nitial if ref d not consi	erence conside dered. Include	red, whether or not cit copy of this form with	ation is in conformance we next communication to a	vith MPEP 609. Draw lin Applicant.	ne through citation	n if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

			U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA						
	AAAB						
	AAAC						
	AAAD		1				
	AAAE						
	AAAF						
	AAAG						
	AAAH						
	AAAI						
	AAAJ						
	AAAK						
			FOREIG	GN PATENT DOCUMENT	TS .	<u> </u>	1
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL						Yes
	AAAM						No Yes
							No
	AAAN						Yes No
	AAAO						Yes No
	AAAP						Yes No
		ОТ	HER (Including .	Author, Title, Date, Pertine	ent Pages, etc.)	.l	1
	AAAQ			tocol registry? (fwd. Java /Archives/Public/www-htr			
	AAAR	"The APP (2 pages).	HTML Tag", Ho	ot Java, Sun Microsystems	s, Inc., © 1995, Ava	ilable online at	April 24, 2002,
	AAAS			nd the new Internet progra m/javaworld/jw-08-1996/			
EXAMINER		·			DATE C	ONSIDERED	
EXAMINER: conformance an	Initial if read	erence considered, vdered. Include copy	whether or not cita of this form with	tion is in conformance with l next communication to Appl	MPEP 609. Draw line licant.	e through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner			
	FILED: Herewith	GROUP ART UNIT: To be assigned		

•				U.S. P.	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCUME: NUMBER	NT	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI		-					
	AAAJ							
	AAAK							
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUME NUMBER	NT	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes
								No
	AAAN							Yes No
	AAAO							Yes
	AAAP						ļ	No
	AAAP							Yes No
			ОТН	ER (Including A	uthor, Title, Date, Pertinent P	ages, etc.)		
	AAAQ		_	•	d Introduction", March 1994. Ce/mirror-rfc/rfc57.0.txt., March			
	AAAR	53 Bell	ovin et at	., "Limitations	of the Kerberos Authentication	on System", U	SENIX, 1991, (16 pages).
	AAAS	Proc	"Guideline for the Use of Advanced Authentication Technology Alternatives", Federal Information Processing Standards Publication 190, September 28, 1994, Available online at http://www.itl.nist.gov/fipspubs/fip190.htm , March 21, 2002, (49 pages).					Information
EXAMINER		•				DATE (CONSIDERED	
EXAMINER: conformance an	Initial if rel	erence consi dered. Inclu	dered, wh de copy o	ether or not citati f this form with n	on is in conformance with MPE ext communication to Applicant	P 609. Draw lin	e through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	TENT DOCUMENTS			
EXAMINER INITIAL		DOCU! NUMB		DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA				<u> </u>			
	AAAB							
	AAAC	<u> </u>						
	AAAD		· 					
	AAAE							
· · · · · · · · · · · · · · · · · · ·	AAAF							
· .	AAAG							
	AAAH							
	AAAI							
	AAAJ		· · · · · · · · · · · · · · · · · · ·					
	AAAK							
				FOREIGN	PATENT DOCUMENTS		1	
EXAMINER								
INITIAL		DOCUM NUMBI		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL		_					Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP					 		Yes
								No
			ОТН	ER (Including Au	thor, Title, Date, Pertinent Pag	es, etc.)		
	AAAQ				format)", November 8, 1993, http://doi.org/10.1003/html.plus_2.html.,			
	AAAR				ing uses of networking", June /bsy/coke.history.txt., Septem			at
	AAAS				Two-Factor Authentication",			994, (11 pages).
EXAMINER			_			DATE CO	ONSIDERED	
EXAMINER: conformance an	Initial if ref	erence co	onsidered, wh	ether or not citation f this form with ne	n is in conformance with MPEP oxt communication to Applicant.	509. Draw line	through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: Herewith	GROUP ART UNIT: To be assigned			

			U.S.	. PATENT DOCUMENT	S		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA						
	AAAB					+	
	AAAC						
	AAAD						
	AAAE						
	AAAF						
<u> </u>	AAAG						
	AAAH						
	AAAI						
	AAAJ			,			
	AAAK						
			FOREI	GN PATENT DOCUME	NTS		
EXAMINER						<u></u>	<u> </u>
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
	AAAL						Ye.
	AAAM						Ye:
	AAAN						Yes No
	AAAO						Ye.
	AAAP						Ye
			THED (In all of the	Author, Title, Date, Pert	2 D		No
	AAAQ	53 McLaug	nlin, L. III, ed., "I	Line Printer Daemon Pro	otocol", Network Print		
	AAAR			n, "Mosaic Accessories", J WWW-Talk%20Jan-Mar%			, April 1, 2002, (8
	AAAS	53 Gessler et Available		ile WWW browsers", Date WINDOWS\TEMP\gwprin	•		•
EXAMINER	_11				DATEC	ONSIDERED	
EXAMINER: conformance an	Initial if ret d not consi	ference considered dered. Include co	l, whether or not cit	ation is in conformance win next communication to A	th MPEP 609. Draw line	e through citation	if not in

FORM PTO-1449	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
INFORMATION DISCLOSURE STATEMENT	APPLICANT: Dishard U. Mognes	
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. PA	ATENT DOCUMENTS			
EXAMINER INITIAL		DOC NUM	UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB	<u> </u>						
	AAAC		 , , , , , , , , , , , , , , , , ,		***************************************	·····		- -
	AAAD							
	AAAE							
	AAAF		•					
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL		DOC NUM	UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes
	AAAO							Yes No
	AAAP							Yes No
		1	ОТН	IER (Including A	uthor, Title, Date, Pertinent Pa	ges, etc.)	•	
	AAAQ	<u>53</u>			of Operation for the TPC.INT onsulting, Inc., October 1993		Remote Printing	Technical
	AAAR	<u>53</u>			Menu: Causing Jitters?," June ography/javajitters.asp., Apri			
	AAAS	<u>53</u>			ent proposal," June 1, 1995, Avaves/HTML-WG/html-wg-95q2.r			16, 2001, (4 pages).
EXAMINER			L		· · · · · · · · · · · · · · · · · · ·	DATE (CONSIDERED	
EXAMINER: conformance an	Initial if re	ference dered.	considered, w	hether or not citation of this form with no	on is in conformance with MPEI ext communication to Applicant	P 609. Draw lin	ne through citation	ı if not in

		1 age 00 01 00
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: Herewith	GROUP ART UNIT: To be assigned

				U.S. P	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCU NUMB		DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAAA							
	AAAB							
	AAAC							
	AAAD							
	AAAE							
	AAAF							
	AAAG							
	AAAH							
	AAAI							
	AAAJ							
	AAAK							
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL		DOCU NUMB		DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AAAL							Yes No
	AAAM							Yes No
	AAAN							Yes No
	AAAO							Yes No
	AAAP							Yes No
			ОТН	ER (Including A	uthor, Title, Date, Pertinent Page	es. etc.)		
	AAAQ	53 '			ne Economist, January 29, 1994 (2			
	AAAR	53						<u></u>
	1 1 1 1 2						 	
	AAAS	53						
EXAMINER	<u> </u>	<u> </u>				DATE C	CONSIDERED	
EXAMINER: conformance and	nitial if re	ference c	onsidered, wi	hether or not citati of this form with n	on is in conformance with MPEP (ext communication to Applicant.	609. Draw lin	e through citation	n if not in

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re p	atent application of:) Attorney Dooket No : 1714 0013
Richar	d H. Wagner	Attorney Docket No.: 1714-0013
Serial	No.: To be assigned	Examiner: To be assigned
Filed: For:	Herewith)) Group Art Unit: To be assigned
	Open Network System and Method For I/O Operations with Non-Standard I/O Devices Using An Extended Open Network Protocol "Express)))) mail'' mailing label number <u>EV389959029US</u>
	Date of D	eposit <u>February 3, 2004</u>
	with the U Office to indicated Commissi on <u>Februa</u>	ertify that this correspondence is being deposited United States Postal Service "Express Mail Post Addressee" service under 37 CFR §1.10 on the date above and is addressed to: Mail Stop Patent Application, oner of Patents, Alexandria, VA 22313-1450 ry 3, 2004 of Deposit)
	David M. Name of p Signature	Dockman Person maining Document of Fee Multiple Control of Fee
	<u>February :</u> Date of Si	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicant hereby discloses the following references listed below and identified on the attached PTO-1449 regarding the above-identified patent application. Copies of references are not attached pursuant to 37 CFR 1.98(d) because the references cited herein were submitted in a Supplemental Information

Disclosure Statement with U.S. Patent Application Serial No. 10/614,398. The exceptions to this statement are U.S. Patent Nos. 5,363, 489 and 4,999,806, copies of which are included. The present application claims a priority based on that application and the Supplemental IDS previously submitted in that application complied with 37 CFR §1.98(a)-(c). Note that this patent application is a continuation of U.S Patent Application Serial No. 10/614,398 filed on July 7, 2003, which is a continuation of U.S. Patent Application Serial No. 10/213,959 filed on August 7, 2002, (now U.S. Patent No. 6,684,269), which is a continuation of U.S. Patent Application Serial No. 10/100,347 filed on March 18, 2002, (now U.S. Patent No. 6,694,387), which is a continuation of U.S. Patent Application Serial No. 09/907,076 filed on July 17, 2001, (now allowed), which is a continuation of U.S. Patent Application Serial No. 09/314,266 filed on May 18, 1999, (now U.S. Patent No. 6,366,967), which is a continuation of U.S. Patent Application Serial No. 08/995,123 filed on December 19, 1997 (now U.S. Patent No. 5,905,908), which is a continuation of U.S. Patent Application Serial No. 08/493,772 filed on June 22, 1995 (now U.S. Patent No. 5,742,845).

These references were brought to the attention of Applicant by counsel for Fleet Boston Financial Corporation, FleetBank (RI) National Association, Providian Financial Corp., and Visa USA in litigations regarding patents that are in this application's claim of prority. These cases are styled as follows: 1) Datascape, Inc. v. FleetBoston Financial Corporation and FleetBank (RI) National Association, Civil Action NO. 1:01-CV-2246-AP, 2) Datascape, Inc. v. Providian Financial Corp., Civil Action no. 1:01-CV-3252-CAP, and 3) Visa USA, Inc. v. Datascape, Inc., Civil Action No. 1:02-CV-289-CAP. All

of these actions are before the United States District Court, Northern District of Georgia, Atlanta Division.

Patent References

U.S. Patent No.	<u>Inventor</u>	Issue Date
4,999,806	Chernow et al.	03/12/1991
5,363,489	Snyder	11/08/1994
6,314,456	Van Andel et al.	11/06/2001

Other Articles

- 1. "Viola in a Nutshell: The Viola World Wide Web Toolkit" http://www.xcf.berkeley.edu~wei/viola/book/, April 1995, (176 pages).
- 2. O'Reilly & Associates, Inc., ViolaWWW, Version 3.3 Beta, Features List, http://www.xcf.berkely.edu/~wei/viola/README.txt, April 10, 1995 (2 pages).
- 3. Wei, Pei, "A Brief Overview of the VIOLA Engine, and its Applications", http://www.xcf.berkeley.edu/~wei/viola/Intro.html, August 16, 1994 (13 pages).
- 4. Wei, Pei, "WWW Browsers: Extensibility Issues", O'Reilly & Associates, September 20, 1994, (13 pages).
- 5. "Basic HTTP as defined in 1992" W3C, http://www.w3.org/Protocols/HTTP/HTTP2.html, 1992, (125 page).
- 6. McCool, Rob, "CGI/1.0: last call", December 4, 1993 (1 page).
- 7. "Olde Viola Montage", http://www.xcf.berkeley.edu/~wei/viola/vintage/montage.html, 1991, (5 pages).
- 8. Masinter, Larry, "Naming and resource location", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).
- 9. Cousins, Steve and Shoham Yoav, "Software Agents on the WWW", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).
- 10. Winograd, Terry, "Web Structure and Meta-Information", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).

11. Shafrir, Eviatar, "Interacting with Information", Stanford Computer Forum

WWW Workshop, http://www-pcd.stanford.edu/workshop/abstracts/shafrir.html, 09/20/1994 (2 pages).

- 12. Gruber, Tom, "Virtual Documents", Stanford Computer Forum WWW Workshop, 09/20/1994, (21 pages).
- 13. Keller, Arthur M., "CIT's Work on CommerceNet", Center for Information Technology, Stanford University, http://cit.stanford.edu/cit/comercenet.html, 10/1994, (6 pages).
- 14. Shapiro, Ehud, "Enhancing the WWW with co-presence", Stanford Computer Forum WWW Workshop, 09/20/1994, (9 pages).
- 15. "Readings for Stanford WWW Workshop", Stanford Computer Forum, http://www-pcd.stanford.edu/workshop/readings.html, 09/20/1994, (3 pages).
- 16. "WorldWideWeb-Summary", http://www.w3.org/Summary.html, 1992, (2 pages).
- 17. "The Original HTTP as defined in 1991", http://www.w3.org/Protocols/HTTP/AsImplemented.html, 1991, (2 pages).
- 18. "WorldWide Web Seminar", http://www.w3.org/Talks/General/About.html, 1993, (15 pages).
- 19. White, Sean, "Online Communities on the WWW", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).
- 20. "The Common Gateway Interface", http://hoohoo.ncsa.uiuc.edu/cgi/, 1994, (23 pages).

- 21. "W3C: Object MetaInformation", http://www.w3.org/Protocols/HTTP/Object_Headers.html, 1992, (9 pages).
- 22. "Hypertext Markup Language (HTML)", http://www.w3.org/MarkUp/1995-archive/, 1995, (66 pages).
- 23. McCool, Rob, "Re: CGP/1.0 specification", November 19, 1993 (2 pages).
- 24. McCool, Rob, "Revised CGI/1.0 specification", November 19, 1993 (1 page).
- 25. Citation List of References noting "The Common Gateway Interface", CiteSeer, 2002, (6 pages).
- 26. Robinson, David and Coar, Ken, "The Common Gateway Interface (CGI) Version 1.1", 04/16/2003, (30 pages).
- 27. Varela, Carlos and Hayes, Caroline, "Providing Data on the Web: From Examples to Programs", Dept. Computer Science, University of Illinois at Urbana-Champaign, http://archive.ncsa.uiuc.edu/SDG/IT94/Proceedings/DDay/varela/, 10/17/1994, (26 pages).
- 28. Dynamic Information Systems Corporation, "Developing JDBC Servlet Applications", http://www.disc.com/jdbcserv.html, 05/08/2002, (12 pages).
- 29. ProSolutions, Inc. "Active Server Pages (ASP) Technology", http://www.prosolutionsinc.com/asp.htm, 2002, (2 pages).
- 30. Rasmussen, B.F., "WDB—A Web Interface to Sybase", http://www.stsci.edu/stsci/meetings/adassIV/rasmussenb.html, 1995, (4 pages).

It is believed that no fees are due for the consideration of this Supplemental Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any deficiency or to credit any overpayment to Deposit Account No. 13-0014, but not to include any payment of issue fees.

Respectfully Submitted

David M. Lockman
Attorney for Applicant
Registration No. 34,214

February 3, 2004 Maginot, Moore & Beck Bank One Center Tower 111 Monument Circle, Suite 3000 Indianapolis, Indiana 46204-5115 (317) 638-2922 phone (317) 638-2139 facsimile

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	-
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned

				U.S. PA	ATENT DOCUMENTS	· · · ·		
EXAMINER INITIAL			UMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	4,999	,806	03/12/1991	Chernow et al.	<u></u>		
	AB	5,363	,489	11/08/1994	Snyder			
	AC	6,314	,456	11/06/2001	Van Andel et al.			
	AD							
	AE							
	AF							
	AG							
	AH				•			
	AI							
	AJ							
	AK							
			***************************************	FOREIGN	PATENT DOCUMENTS		.≛.	
EXAMINER INITIAL		DOC NUM	UMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL							Yes No
	AM		100-					Yes No
	AN		,					Yes No
-	AO							Yes No
	AP							Yes No
			ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	s, etc.)	1	
	AQ	1	"Viola in a N	lutshell: The Vio	la World Wide Web Toolkit", ~wei/viola/book/, April 1995 (<u></u>		
	AR	1			ViolaWWW, Version 3.3 Beta, wei/viola/README.txt, April			
	AS	1			of the VIOLA Engine, and its berkeley.edu/~wei/viola/viola	Intro.html, A	ugust 16, 1994	, (13 pages).
EXAMINER		•		-		DATE C	ONSIDERED	-
EXAMINER: conformance and	nitial if r	eference sidered.	considered, what Include copy of	nether or not citation of this form with ne	n is in conformance with MPEP 6 xt communication to Applicant.	09. Draw line	through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned					
	APPLICANT: Richard H. Wagner					
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned				

				U.S. P	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA							
	BB							
	BC		-, -					
	BD					· · · · · · · · · · · · · · · · · · ·		
	BE							
	BF							
	BG		-					
	ВН							
	BI							
	BJ							
	BK							
				FOREIG	N PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL							Yes No
	ВМ							Yes No
	BN							Yes No
	ВО							Yes No
	ВР		<u></u>					Yes No
	4	1	ОТН	IER (Including A	uthor, Title, Date, Pertinent	t Pages, etc.)	<u> </u>	
	BQ	2	Wei, Pei, "V (13 pages).	WWW Browsers	: Extensibility Issues", O'R	Reilly & Associate	es, September 2	0, 1994,
	BR	2	"Basic HTT pages).	P as defined in 1	1992", W3C, http://www.w3	3.org/Protocols/HT7	TP/HTTP2.html,	1992, (125
	BS	2	McCool, Ro	b, "CGI/1.0: las	t call", December 4, 1993 ((1 page).		
EXAMINER		•				DATE C	ONSIDERED	
EXAMINER: conformance an	Initial if r d not con	eference sidered.	e considered, w Include copy	hether or not citat of this form with r	ion is in conformance with Mnext communication to Applic	PEP 609. Draw line	through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned			

				U.S. PA	ATENT DOCUMENTS					
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	BA									
	BB									
	BC									
	BD									
	BE									
	BF									
	BG									
	ВН									
	BI									
	BJ									
	ВК									
				FOREIGN	PATENT DOCUMENTS		•			
EXAMINER INITIAL		1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
	BL							Yes No		
	ВМ							Yes No		
	BN							Yes No		
	ВО							Yes No		
	BP							Yes No		
	1		ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	es, etc.)		<u> </u>		
	BQ	3	· · · · · · · · · · · · · · · · · · ·		vw.xcf.berkeley.edu/~wei/viola/vi		e.html, 1991, (5 p	pages).		
	BR	3	Masinter, Larr page).	Masinter, Larry, "Naming and resource location", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).						
	BS	3		Cousins, Steve and Shoham Yoav, "Software Agents on the WWW", Stanford Computer Forum WWW Workshop, 09/20/1994, (1 page).						
EXAMINER			1		- Weekler	DATE C	ONSIDERED			
EXAMINER: I conformance and	nitial if r	eferenc sidered.	e considered, wh Include copy o	nether or not citation of this form with ne	on is in conformance with MPEP 6 ext communication to Applicant.	09. Draw lin	e through citation	if not in		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013 SERIAL NO.: To be assigned				
	APPLICANT: Richard H. Wagner				
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned			

				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA							
	BB							
	BC							
	BD							
	BE		·					
	BF							
	BG			· · · · · · · · · · · · · · · · · · ·				
	ВН	1						
	BI							
	BJ							
	BK							
	1			FOREIC	ON PATENT DOCUMENT	rs	•	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL							Yes No
	BM							Yes No
	BN							Yes No
	ВО							Yes No
	BP							Yes No
"	-		ОТН	IER (Including	Author, Title, Date, Pertine	ent Pages, etc.)	•	
	BQ	4	Winograd, Te (1 page).	erry, "Web Struct	ure and Meta-Information",	Stanford Computer F	orum WWW Wo	rkshop, 09/20/1994,
	BR	Shafrir, Eviatar, "Interacting with Information", Stanford Computer Forum WWW Workshop, http://www-pcd.stanford.edu/workshop/abstracts/shafrir.html , 09/20/1994 (2 pages).						
	BS	4	Gruber, Tom,	"Virtual Docum	ents", Stanford Computer Fo	orum WWW Worksho	op, 09/20/1994, (2	21 pages).
EXAMINER	_1					DATE (CONSIDERED	
EXAMINER: conformance ar	Initial if	referenc	e considered, w	hether or not cita of this form with	ition is in conformance with next communication to App	MPEP 609. Draw lin licant.	e through citation	n if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned

				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL			OCUMENT JMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA							
	ВВ							
	BC							
	BD							
	BE							
	BF							
	BG							
	ВН							
	BI							
	BJ							
	BK							
				FOREI	GN PATENT DOCUMENT	rs		
EXAMINER INITIAL			OCUMENT JMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL							Yes No
	ВМ							Yes No
	BN							Yes No
	ВО							Yes No
	BP							Yes No
			ОТН	IER (Including	Author, Title, Date, Pertine	ent Pages, etc.)		
	BQ	5	Keller, Arthu	r M., "CIT's Wo ford.edu/cit/com	rk on CommerceNet", Center ercenet.html, 10/1994, (6 pag	r for Information Tecles).	nnology, Stanford	d University,
	BR	5	Shapiro,Ehud (9 pages).	, "Enhancing the	e WWW with co-presence", S	Stanford Computer Fo	rum WWW Wor	kshop, 09/20/1994,
	BS	<u>5</u>			Workshop", Stanford Compadings.html, 09/20/1994, (3 p	-	ww-	
EXAMINER		<u> </u>				DATE C	CONSIDERED	
EXAMINER: conformance ar	Initial if and not cor	referen nsidere	ce considered, w	hether or not cita of this form with	ation is in conformance with next communication to App	MPEP 609. Draw lin licant.	e through citation	n if not in

Page 6 of 10

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
THE STANSACTION DISCUSSION AND THE STANSACTION OF T	APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned

			· · · · · · · · · · · · · · · · · · ·	U.S. PA	ATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT IBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA							
	BB							
	BC							
	BD							
	BE							
	BF							
	BG							
	ВН		-					
	BI							
	BJ	1						
	BK							
,				FOREIGN	PATENT DOCUMENTS	•	•	
EXAMINER INITIAL			CUMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
-	BL							Yes
	ļ							No
	BM							Yes
	BN	-						No Yes
								No
	ВО							Yes No
	BP							Yes No
		L	ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	es. etc.)		
	BQ	6			tp://www.w3.org/Summary.html,		s).	
	BR	6	"The Original (2 pages).	HTTP as defined i	in 1991", http://www.w3.org/Proto	ocols/HTTP/A	sImplemented.ht	<u>ml</u> , 1991,
	BS	<u>6</u>	"WorldWide	Web Seminar", <u>httr</u>	o://www.w3.org/Talks/General/Al	oout.html, 199	3, (15 pages).	
EXAMINER	.1					DATE C	CONSIDERED	
EXAMINER: In conformance and	nitial if r	eference sidered.	considered, wl	nether or not citation of this form with ne	on is in conformance with MPEP (ext communication to Applicant.	509. Draw lin	e through citation	if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned

				U.S	. PATENT DOCUMENTS				
EXAMINER INITIAL			OCUMENT IUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	BA						 		
	ВВ					,			
	BC								
	BD								
	BE								
	BF						<u> </u>		
	BG								
	ВН								
	BI								
	BJ								
	BK								
		-		FORE	IGN PATENT DOCUMENT	ΓS		•	
EXAMINER INITIAL			OCUMENT IUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	BL							Yes No	
	ВМ							Yes No	
	BN							Yes No	
	ВО				·			Yes No	
	BP							Yes No	
- · · · · · · · · · · · · · · · · · · ·	1,		ОТ	HER (Including	Author, Title, Date, Pertine	ent Pages, etc.)			
	BQ	7	White, Sean page).	"Online Comm	unities on the WWW", Stanfo	rd Computer Forum V	VWW Workshop	, 09/20/1994, (1	
	BR	7	"The Comm	"The Common Gateway Interface", http://hoohoo.ncsa.uiuc:edu/cgi/ , 1994, (23 pages).					
	BS	7	"W3C: Obje	"W3C: Object MetaInformation", http://www.w3.org/Protocols/HTTP/Object_Headers.html, 1992, (9 pages).					
EXAMINER		1				DATE C	ONSIDERED		
EXAMINER: conformance an	Initial if	refere	ence considered, ved. Include copy	whether or not ci	tation is in conformance with h next communication to App	MPEP 609. Draw line	e through citation	n if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned			
	APPLICANT: Richard H. Wagner				
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned			

				U.S	. PATENT DOCUMENTS	3			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	BA								
	BB								
	BC								
	BD								
	BE								
	BF								
	BG								
	ВН								
	BI								
	BJ								
	BK								
				FORE	IGN PATENT DOCUMEN	NTS			
EXAMINER INITIAL		1	CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	BL							Yes No	
	ВМ							Yes No	
	BN							Yes No	
	ВО			-				Yes No	
	BP				_			Yes No	
			OTI	HER (Including	Author, Title, Date, Perti	nent Pages etc.)	<u> </u>	110	
	BQ	8			e (HTML)", http://www.w3		ive/ l, 1995, (66	pages).	
	BR	8	McCool, Re	McCool, Rob, "Re: CGP/1.0 specification", November 19, 1993 (2 pages).					
	BS	8		McCool, Rob, "Revised CG1/1.0 specification", November 19, 1993, http://www.webhistory.org/www-talk.1993q4/0540.html , (1 page).					
EXAMINER		•				DATE C	ONSIDERED		
EXAMINER: conformance an	Initial if ad not cor	referenc sidered	ce considered, v	whether or not ci of this form wit	tation is in conformance wit h next communication to Ap	h MPEP 609. Draw line	e through citation	ı if not in	

		1 age 3 01 10		
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned		
	APPLICANT: Richard H. Wagner			
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned		

				U.S. PA	TENT DOCUMENTS				
EXAMINER INITIAL	·		CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
	BA								
	BB								
	BC		<u> </u>						
	BD							, i	
	BE								
	BF								
	BG								
	ВН								
	BI								
	BJ								
	BK								
				FOREIGN	PATENT DOCUMENTS				
EXAMINER INITIAL			CUMENT IBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	BL							Yes No	
	BM							Yes No	
	BN							Yes No	
	ВО							Yes No	
	BP							Yes No	
····	<u> </u>		ОТН	ER (Including Au	thor, Title, Date, Pertinent Page	s. etc.)	1		
	BQ	9			g "The Common Gateway Interfac		2002, (6 pages).		
	BR	9	Robinson, Dav	Robinson, David and Coar, Ken, "The Common Gateway Interface (CGI) Version 1.1", 04/16/2003, (30 pages).					
	BS	2	Varela, Carlos and Hayes, Caroline, "Providing Data on the Web: From Examples to Programs", Dept. Computer Science, University of Illinois at Urbana-Champaign, http://archive.ncsa.uiuc.edu/SDG/IT94/Proceedings/DDay/varela/ , 10/17/1994, (26 pages).						
EXAMINER							ONSIDERED		
EXAMINER: I conformance and	nitial if r	eference sidered.	considered, wh Include copy o	ether or not citation f this form with ne	n is in conformance with MPEP 6 xt communication to Applicant.	09. Draw line	through citation	if not in	

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned
•	·	

				U.S.	PATENT DOCUMENTS			
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA							
	BB							
	ВС		· · · ·					
	BD							
	BE		_					
	BF							
	BG							
	ВН							
	BI							
	BJ							
	BK							
				FORE	GN PATENT DOCUMENT	rs .	•	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL							Yes No
	ВМ		·					Yes No
	BN							Yes No
	ВО							Yes No
	BP							Yes No
			OTI	HER (Including	Author, Title, Date, Pertine	nt Pages, etc.)	1	<u> </u>
	BQ	10			s Corporation, "Developing Jlv.html, 05/08/2002, (12 pages)		tions",	
	BR	10	ProSolutions pages).	ProSolutions, Inc. Active Server Pages (ASP) Technology", http://www.prosolutionsinc.com/asp.htm , 2002, (2				
	BS	10		Rasmussen, B.F., "WDB—A Web Interface to Sybase", http://www.stsci.edu/stsci/meetings/adassIV/rasmussenb.html , 1995, (4 pages).				
EXAMINER			_1			DATE C	CONSIDERED	
EXAMINER:	Initial if	referen	ce considered, v	whether or not cit	ation is in conformance with I	MPEP 609. Draw lin	e through citation	ı if not in

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: 1714-0013	SERIAL NO.: To be assigned
	APPLICANT: Richard H. Wagner	
	FILED: July 7, 2003	GROUP ART UNIT: To be assigned
	·	<u></u>

				U.S	S. PATENT DOCUMENTS			·
EXAMINER INITIAL			CUMENT MBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	ВА							
	BB							-
	ВС							
	BD							
	BE			-				
	BF		·		,			
	BG							·
	ВН							
	BI							
	BJ						1	
	BK						1	
	•	•		FORE	IGN PATENT DOCUMEN	ITS	•	
EXAMINER INITIAL			CUMENT MBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	BL							Yes No
	BM							Yes No
	BN							Yes No
	ВО							Yes No
	BP							Yes No
			ОТ	HER (Including	g Author, Title, Date, Pertin	nent Pages, etc.)		
	BQ	11						
	BR	11						
····	BS	11						
EXAMINER		1	L			DATE	CONSIDERED	
EXAMINER: conformance ar	Initial if and not con	referenc isidered.	e considered, Include copy	whether or not ci	tation is in conformance with	h MPEP 609. Draw lir plicant.	e through citation	n if not in